

**DEPARTMENT OF TRANSPORTATION****ESC/OE MS #43****1727 30TH Street, 2ND Floor****Sacramento, CA 95816**

October 27, 2000

04-SM-101-15.4/17.7

04-235724

ACNH-P101(963)E

Addendum No. 3

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in SAN MATEO COUNTY IN SAN MATEO AND BELMONT FROM 0.1 km NORTH OF RALSTON AVENUE OVERCROSSING TO 0.2 km NORTH OF HILLSDALE BOULEVARD OVERCROSSING.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on November 1, 2000. The original bid opening date was previously postponed indefinitely under Addendum No. 2 dated October 5, 2000.

This addendum is being issued to set a new bid opening date as shown herein and to revise the Project Plans, the Notice to Contractors and Special Provisions, the Proposal and Contract, and the Federal Minimum Wages with Modification Number 12 dated 9-29-00. A copy of the modified wage rates are available for the contractor's use on the Internet Site:

**[http://www.dot.ca.gov/hq/esc/oe/weekly\\_ads/addendum\\_page.html](http://www.dot.ca.gov/hq/esc/oe/weekly_ads/addendum_page.html)**

Project Plan Sheets 2, 3, 4, 37, 38, 95, 96 and 133 are revised. A half-sized copy of each of the revised sheets are attached for substitution for the like-numbered sheets.

Project Plan Sheet 38A is added. A half-sized copy of the added sheet is attached for addition to the project plans.

In the Special Provisions, Section 5-1.17, "AERIALY DEPOSITED LEAD," is revised as attached.

In the Special Provisions, Section 10-1.01, "ORDER OF WORK," the following two paragraphs are added after the twelfth paragraph :

"Construction on the Laurel Creek Bridge widening shall not begin prior to April 15, 2001.

Work at the northeast quadrant of the Route 101/Hillsdale Boulevard Interchange shall not begin prior to April 1, 2001."

In the Special provisions, Section 10-1-1.04, "NON-STORM WATER DISCHARGES," is revised as attached.

In the Special provisions, Section 10-1-1.05, "WATER POLLUTION CONTROL," the second paragraph is amended to read:

"This project shall conform to the requirements of the General Construction Activity Storm Water Permit No. CAS000002, Order No. 99-08-DWQ, and Caltrans Statewide Storm Water Permit No. CAS000003, Order No. 99-06-DWQ, issued by the State Water Resources Control Board. These permits, hereinafter referred to as the "Permit," regulates storm water discharges associated with construction activities."

04-SM-101-15.4/17.7  
04-235724  
ACNH-P101(963)E

In the Special provisions, Section 10-1-1.05, "WATER POLLUTION CONTROL," the fourth paragraph is amended to read:

"In addition, a Conceptual Storm Water Pollution Prevention Plan, hereinafter referred to as the "CSWPPP," has been prepared for this project by the Department. The CSWPPP shall be used as a reference tool for developing the contract specific Storm Water Pollution Prevention Plan. Copies of the Handbook, CSWPPP and the Permit are also available for review at 111 Grand Avenue, Oakland, California 94612. Please call the Construction Office Duty Senior at (510) 286-5209, to reserve a copy of the documents at least 24 hours in advance."

In the Special provisions, Section 10-1-1.05, "WATER POLLUTION CONTROL," the second sentence of the nineteenth paragraph is amended to read:

"When minimum requirements are listed for any category, the Contractor shall incorporate into the SWPPP, and implement on the project, the listed minimum controls required in order to meet the pollution control objectives for the category."

In the Special provisions, Section 10-1-1.05, "WATER POLLUTION CONTROL," the first sentence of the thirty-ninth paragraph is amended to read:

"Inspections of the construction site shall be conducted by the Contractor to identify deficient measures, as follows:

- A. Prior to a forecast storm;
- B. After any precipitation event;
- C. At 24 hour intervals during extended precipitation events; and
- D. Routinely, at a minimum of once a week."

In the Special Provisions, Section 10-1.22, "OBSTRUCTIONS," the table in the third paragraph is amended to read:

Utility	Location	Date
P.G.&E Poles	Lt. Sta. "C2M" 251+00 to 262+40	September 1, 2001
P.G.&E. and PacBell Joint Pole	Lt. Sta. "C2M" 269+82	Prior to Construction

In the Special Provisions, Section 10-1.34, "EXISTING HIGHWAY FACILITIES - REMOVE DRAINAGE FACILITIES," is amended to read:

"Existing culverts, inlets and pipes where shown on the plans to be removed, shall be completely removed and disposed of."

In the Special Provisions, Section 10-1.37, "EARTHWORK," is revised as attached.

In the Special Provisions, Section 10-1.50, "SOUNDWALL," the second sentence of the tenth paragraph is amended to read:

"The color shall match that of the existing soundwall along Route 101, south of East Hillsdale Boulevard."

Addendum No. 3  
Page 3  
October 27, 2000

04-SM-101-15.4/17.7  
04-235724  
ACNH-P101(963)E

In the Special Provisions, Section 10-1.69, "SURVEY OF EXISTING NON-HIGHWAY FACILITIES," is added as attached.

In the Special Provisions, Section 10-1.70, "VIBRATION MONITORING," is added as attached.

In the Proposal and Contract, the Engineer's Estimate Item No.'s 13, 24, 51, 56, 59, 62, 63, and 113 are revised, Item No.'s 128, 129, 130, 131, 132, and 133 are added, and Item No. 127 is deleted as attached.

To Proposal and Contract book holders:

Replace pages 3, 4, 5, 6, 8 and 9 of the Engineer's Estimate in the Proposal with the attached revised pages 3, 4, 5, 6, 8 and 9 of the Engineer's Estimate. The revised Engineer's Estimate is to be used in the bid.

Attached are copies of the Material Information Handouts, entitled, "Soil Sampling and Analysis Report Aerially Deposited Lead Survey Highway 101: Hillsdale Boulevard to Ralston Avenue, San Mateo County, California," and "Supplementary Data Evaluation Report Aerially Deposited Lead Highway 101: Hillsdale Boulevard to Ralston Avenue, San Mateo County, California."

Indicate receipt of this addendum by filling in the number of this addendum in the space provided on the signature page of the proposal.

Submit bids in the Proposal and Contract book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.

Inform subcontractors and suppliers as necessary.

This office is sending this addendum by UPS overnight mail to Proposal and Contract book holders to ensure that each receives it.

If you are not a Proposal and Contract book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,

ORIGINAL SIGNED BY

NICK YAMBAO, Chief  
Office of Plans, Specifications & Estimates  
Division of Office Engineer

Attachments

### **5-1.17 AERIALY DEPOSITED LEAD**

Aerially deposited lead is present within the project limits. Aerially deposited lead is lead deposited within unpaved areas, primarily due to vehicle emissions.

Portions of the Site Investigation Report are included in the "Material Information" handout. The complete reports, entitled "Soil Sampling and Analysis Report Aerially Deposited Lead Survey Highway 101: Hillsdale Boulevard to Ralston Avenue, San Mateo County, California," and "Supplementary Data Evaluation Report Aerially Deposited Lead, Highway 101 Hillsdale Boulevard to Ralston Avenue San Mateo, California," are available for inspection at the Department of Transportation, Duty Senior's Desk, 111 Grand Avenue, Oakland California, Telephone (510) 286-5209.

The Department has received from the California Department of Toxic Substances Control (DTSC) a variance regarding the use of aerially deposited lead. This project is subject to the conditions of the variance, as amended. The Variance is available for inspection at the Department of Transportation, Duty Senior's Desk, 111 Grand Avenue, Oakland California, Telephone (510) 286-5209.

Once the Contractor has completed the placement of material containing aerially deposited lead in conformance with these special provisions and as directed by the Engineer, the Contractor shall have no responsibility for such materials in place. The Department will not consider the Contractor a generator of such contaminated soils. Further cleanup, removal or remedial actions for such materials will not be required if handled or disposed of as specified herein.

Attention is directed to "Material Containing Aerially Deposited Lead" of these special provisions.

Excavation, reuse, and disposal of material with aerially deposited lead shall be in conformance with all rules and regulations including, but not limited to, those of the following agencies:

United States Department of Transportation (USDOT)  
United States Environmental Protection Agency (USEPA)  
California Environmental Protection Agency (Cal-EPA)  
California Department of Health Services  
Department of Toxic Substances Control (DTSC), Region 2  
California Division of Occupational Safety and Health Administration (Cal-OSHA)  
Integrated Waste Management Board  
Regional Water Quality Control Board (RWQCB), Region 2  
State Air Resources Control Board  
Bay Area Air Quality Management District (BAAQMD)

Materials containing hazardous levels of lead shall be transported and disposed of in conformance with Federal and State laws and regulations, as amended, and county and municipal ordinances and regulations, as amended. Laws and regulations that govern this work include, but are not limited to:

Health and Safety Code, Division 20, Chapter 6.5 (California Hazardous Waste Control Act)  
Title 22, California Code of Regulations, Chapter 30 (Minimum Standard for Management of Hazardous and Extremely Hazardous Materials)  
Title 8, California Code of Regulations

#### **10-1.04 NON-STORM WATER DISCHARGES.**

Non-storm water discharges shall conform to the requirements in Section 7-1.01G, "Water Pollution," of the Standard Specifications and these special provisions

Conformance with the requirements of this section shall in no way relieve the Contractor from the Contractor's responsibilities, as provided in Section 7-1.11, "Preservation of Property," and Section 7-1.12, "Responsibility for Damage," of the Standard Specifications.

#### **PILE AND EXCAVATION DEWATER**

Suspended solids shall be removed during the dewatering operation for piles and excavations, as specified in these special provisions.

Suspended solids shall be removed to the extent that visible, floating products are not apparent within the discharge. Also, the discharge shall be of a purity such that turbidity and apparent color beyond present natural background levels are not apparent within the receiving water body. The turbidity, measured in Nephelometric Turbidity Units (NTU), of the discharge shall not be greater than a 10 percent increase of the background turbidity. The point of effluent discharge shall not cause bottom sediments, aquatic vegetation, or surface soils to become dislodged or disturbed.

The Contractor shall graphically depict the dewatering process within the Storm Water Pollution Prevention Plan (SWPPP), as specified in "Water Pollution Control" of these special provisions. The graphic shall show both a sectional and plan view that details the removal techniques for suspended solids. The graphic shall define the flow path and placement of pipes, hoses, pumps, and other equipment used to convey the discharge. In addition, the Contractor shall provide a sketch that depicts the general position of the apparatus relative to the pile(s) or excavation undergoing dewatering and the point of effluent discharge.

The Contractor shall describe the dewatering apparatus within the appropriate sections of the SWPPP. The description shall include, but not be limited to, an estimate of the discharge volume, flow rate, and frequency; location of discharge; and the inspection and monitoring procedures related to the discharge.

The Contractor shall conduct a daily inspection of the dewatering equipment, when in use, to ensure that all components are functional and routinely maintained to prevent leakage prior to removal of suspended solids. Any component of the apparatus that is found to be damaged or to affect the performance of the apparatus shall be either immediately repaired or replaced.

The Contractor shall monitor both the discharge and the receiving water body. The observations made during monitoring shall include the color, size of affected area, presence of suspended material, presence of water fowl or aquatic wildlife, wind direction and velocity, tidal condition, atmospheric condition, time, and date. In addition, the Contractor shall supplement the observations with photographs. During monitoring events, the Contractor shall obtain NTU measurements for the discharge turbidity and the receiving water (background) turbidity. The Contractor shall conduct monitoring, at a minimum, one hour prior to discharge, during the first ten minutes of initiating discharge, every four hours during discharge, and upon cessation of discharge. The observations and turbidity measurements shall be recorded daily in a tabular format known as the monitoring report provided within the Conceptual Storm Water Pollution Prevention Plan, as described within "Water Pollution Control" of these special provisions. The monitoring report, including photographs, shall be provided weekly to the Engineer, or as directed by the Engineer.

Observations or measurements which indicate that the discharge is of a purity such that turbidity and apparent color are beyond the present natural background levels shall be immediately reported to the Engineer. The discharge activity shall immediately cease, so that corrective actions are undertaken to repair, modify, or replace the equipment. The commencement of discharge activities shall be allowed upon approval by the Engineer.

#### **SPILL CONTINGENCY**

The Contractor shall prepare and submit to the Engineer a contingency plan for the management of spills or leaks of any materials or wastes that may impact the water quality of the San Francisco Bay.

The spill contingency plan shall be incorporated within the Storm Water Pollution Prevention Plan (SWPPP), as specified in "Water Pollution Control" of these special provisions.

The contingency plan shall include instructions and procedures for reporting spills, and a list of spill containment and collection materials and equipment to be maintained onsite. The contingency plan shall be reviewed and updated at least every 90 calendar days.

#### **MEASUREMENT AND PAYMENT**

Full compensation for all dewatering operations including, but not limited to, providing power to operate pumping equipment; monitoring and inspection of treatment systems, discharges, and receiving water body; providing all necessary maintenance, labor, vehicles, equipment, and other incidentals; and removal and disposal of materials, groundwater, and treated effluent shall be considered as included in the contract lump sum price paid for non-storm water discharge, and no additional compensation will be allowed therefor.

### 10-1.37 EARTHWORK

Earthwork shall conform to the provisions in Section 19, "Earthwork," of the Standard Specifications and these special provisions.

Attention is directed to "Aerially Deposited Lead," elsewhere in these special provisions.

Type Y material is that which contains aerially deposited lead in average concentrations greater than 5.0 mg/L Soluble Lead and between 0 - 350 mg/kg Total Lead. Type Y material exists horizontally from the edges of existing pavement to the Contractor's work zone and from a depth of 0.0 m to 0.45 m below existing grade except limits designated for Type Z-2 material, or as shown on the plans. These materials shall be hauled to location designated on the plans and placed in accordance with the details shown on the plans, unless otherwise directed by the Engineer, and covered with a minimum 0.6-m layer of non hazardous soil or selected material. These materials are hazardous waste regulated by the State of California that may be reused as permitted under the Variance of the Department of Toxic Substances Control. Temporary surplus material may be generated on this project due to the requirements of stage construction. Temporary surplus material shall not be transported outside the project limits. In order to conform to the requirements of these provisions, it may be necessary to stockpile materials for subsequent stages or construct some embankments out of stage or handle temporary surplus material more than once.

Type Z-2 material is that which contains aerially deposited lead in average concentrations less than 5.0 mg/L Soluble Lead and greater than 1000 mg/kg Total Lead. Type Z-2 material is greater than 5.0 mg/L Soluble Lead and the material is surplus. Type Z-2 material exists horizontally from the edges of existing pavement to the Contractor's work zone, from Station "C2M" 258+80 Rt. to "C2M" 260+00 Rt. and Station "C2M" 266+30 Lt. to "R8M" 33+80 Lt and to a depth of 0.3 m below existing grade as shown on the plans. These materials are hazardous waste regulated by the State of California and shall be transported to and disposed of at a Class 1 Disposal Site. Materials excavated from these areas shall be transported by a hazardous waste transporter registered with the Department of Toxic Substances Control using the required procedures for manifesting the materials. The vehicles used to transport the hazardous materials shall meet current certifications of compliance of the Department of Toxic Substances Control.

Excavation, transportation, placement and handling of soils containing aerially deposited lead shall result in no visible dust. The Contractor shall have a water truck available at all times while performing earthwork, excavation or grubbing activities in work areas containing aerially deposited lead at hazardous levels.

All other existing material excavated from areas within the project limits qualifies as cover material. Use of such material within the project limits is not restricted.

Attention is directed to "Temporary Cover," elsewhere in these special provisions regarding cover requirements for stockpiles.

No USEPA manifesting of these materials is required. A bill of lading will be furnished by the State for each truck load of these materials being transported from the project to a mandatory disposal site shown on the plans and traveling on public roads. The bill of lading shall include: US DOT description including shipping name, hazard class and ID number, handling codes, and quantity of materials in cubic yards. Trucks shall have all extraneous dirt and materials extending outside of the vehicle removed and the vehicle covered prior to traveling on public roads. The Contractor shall be responsible for costs due to spillage of lead containing material during transport. The Contractor shall monitor the air quality during excavation operations in accordance with the Lead Compliance Plan. Results of air quality tests shall be made available to the Engineer upon request.

Surplus excavated material shall become the property of the Contractor and shall be disposed of outside the highway right of way in conformance with the provisions in Section 7-1.13, "Disposal of Material Outside the Highway Right of Way," of the Standard Specifications.

Where a portion of the existing surfacing is to be removed, the outline of the area to be removed shall be cut on a neat line with a power-driven saw to a minimum depth of 50 mm before removing the surfacing. Full compensation for cutting the existing surfacing shall be considered as included in the contract price paid per cubic meter for roadway excavation and no additional compensation will be allowed therefor.

The Contractor shall submit to the Engineer, for approval, working drawings and design calculations for proposed shoring and monitoring program of the existing retaining wall at Sound Wall No. 5. Such drawings and design calculations for shoring and the initial survey and records of horizontal displacement shall be signed by an engineer who is registered as a Civil Engineer in the State of California. Five sets of the drawings and one copy of the design calculations shall be furnished. The drawings shall be submitted at least 4 weeks in advance of the time the Contractor begins construction of the shoring.

Attention is directed to Sections 5-1.02, "Plans and Working Drawings," 7-1.11, "Preservation of Property," and 7-1.12, "Responsibility for Damage," of the Standard Specifications.

Attention is directed to "Piling" of these special provisions regarding payment.

Working drawings for the shoring shall include, but not be limited to: descriptions and values of all loads, stress sheets, shop details, erection and removal plans, equipment lists, and other details as necessary. In addition, the Contractor shall submit contingency plans in the event that excessive movement of the retaining wall is detected.

Working drawings for the monitoring program shall include a list of the type and number of instruments, locations of the instruments, attachments to existing structure, and methods to be used for monitoring activities specified. The Contractor shall propose a system for measuring horizontal movements for review and approval by the Engineer.

The Contractor shall allow 4 weeks after complete drawings and all support data are submitted to the Engineer for the review of any shoring plans or working drawings.

Construction of shoring shall not begin until the drawings for the shoring and monitoring program have been approved by the Engineer.

The shoring system shall be designed to minimize horizontal movement of the adjacent retaining wall. The horizontal displacement at the top of the retaining wall shall be a maximum of 25 mm or one percent of the wall height, whichever is less.

The Contractor shall monitor the existing retaining wall during pile driving at Sound Wall No. 5. If horizontal movement of the retaining wall exceeds the maximum amount, pile driving shall be stopped.

Survey points shall be established every 20 meters along the top of the retaining wall to monitor horizontal movement resulting from pile driving. Horizontal movements shall be measured normal and parallel to the centerline of the retaining wall.

Measurements of horizontal movements shall be made using optical surveying techniques and shall be referenced to fixed reference points. Measurements of horizontal movements shall be accurate within  $\pm 2.5$  mm.

As a minimum, one daily horizontal movement reading shall be taken before pile driving begins at Sound Wall No. 5, to provide baseline data and to demonstrate that the measurement method can achieve the specified criteria for repeatability and accuracy.

If movement of the retaining wall is detected, the Contractor shall immediately inform the Engineer and provide more frequent readings as directed by the Engineer.

The Contractor shall submit 2 copies of the following information to the Engineer within 2 days of taking measurements:

1. Tabulated elevations and coordinates of the horizontal survey points.
2. Plot of horizontal movements versus time. One plot of horizontal movements for each location shall be submitted showing movements in 2 orthogonal directions.

The initial survey and records of horizontal displacement shall be available to the Engineer at the job site during normal working hours.

### **LIGHTWEIGHT FILL MATERIAL**

Lightweight fill material shall conform to the provisions in Section 19, "Earthwork," of the Standard Specifications and these special provisions.

Lightweight fill material shall consist of furnishing, placing and compacting lightweight fill material at the locations and to the lines and grades designated on the plans or specified in these special provisions.

Attention is directed to "Geotextile Reinforcement Fabric" elsewhere in these special provisions regarding requirements and use of geotextile reinforcement fabric with lightweight fill material.

The presence of subsurface water should be anticipated during the excavation for the placement of the lightweight fill material.

The Contractor shall be limited in the length of the roadway excavation made to that which can be prepared and backfilled with lightweight fill material by the end of shift or within 8 hours of excavation that same day. The height of lightweight fill placed shall extend a minimum of 0.6-m above the grading plane.

Lightweight fill material shall consist of a rotary kiln expanded shale aggregate of the extruded type or a processed, naturally-occurring volcanic aggregate.

Lightweight fill material grading shall be as specified in these special provisions.

Lightweight fill material, when deposited in place, shall conform to the following grading and quality requirements:

**Grading Requirements**

Sieve Sizes	Percentage Passing
37.5-mm	100
25-mm	95 - 100
19-mm	90 - 100
9.5-mm	15 - 85
75-µm	0 - 9

Grading will be determined in conformance with the requirements of California Test 202, except shaking in the sieves shall be limited to 5 minutes.

**Quality Requirements**

Test	Requirement
Resistance (R-Value)	50 min
Durability Index	35 min

When lightweight fill material is used as structure backfill for galvanized steel or reinforced concrete pipe culverts, the lightweight fill material shall have a minimum resistivity greater than or equal to 100 ohm-cm and a pH greater than or equal to 8.2. For reinforced concrete pipe culverts, if the minimum resistivity of the native soil is less than 1,000 ohm-cm, lightweight fill material used as structure backfill shall have a chloride content less than or equal to 190 parts per million and a sulfate content less than or equal to 50 parts per million. Minimum resistivity and pH shall be determined in conformance with the requirements of California Test Method 643, chloride content shall be determined in conformance with the requirements of California Test Method 422, and sulfate content shall be determined in conformance with the requirements of California Test Method 417.

At locations directed by the Engineer, the material used to backfill the outer 0.6-m portion of structure backfill adjacent to pipe and culvert inlets and outlets shall be a compacted impervious material, conforming to the provisions in Section 19-3.06, "Structure Backfill," of the Standard Specifications.

At locations directed by the Engineer, the structure backfill placed within 0.6-m of the finished grade around abutments, abutment wingwalls, retaining walls, and other portions of structures shall be a compacted impervious material, conforming to the provisions in Section 19-3.06, "Structure Backfill," of the Standard Specifications. If the minimum resistivity of the native soil is less than 1,000 ohm-cm, then the lightweight fill material shall have a chloride content less than or equal to 190 parts per million and a sulfate content less than or equal to 50 parts per million.

When lightweight fill material is used as embankment material for geosynthetically reinforced embankments, the pH shall be between 4.5 and 9 as determined in conformance with the requirements of California Test Method 643.

Lightweight fill material shall have a maximum calculated saturated surface dry unit weight of 960 kg/m<sup>3</sup>. The saturated surface dry unit weight shall be calculated using the dry loose unit weight and the absorption of the coarse and fine aggregates. Dry loose unit weight shall be determined in conformance with the requirements in California Test Method 212, using test procedure (b) Compaction Method (by jiggling). Absorption of the coarse and fine aggregates shall be determined in conformance with the requirements in California Test Methods 206 and 207, except that the samples shall be oven dry before soaking and shall be soaked for 24 hours plus or minus 30 minutes. Saturated surface dry unit weight shall be calculated as follows:

1. multiply the percent coarse aggregate by the absorption of the coarse aggregate;
2. multiply the percent fine aggregate by the absorption of the fine aggregate;
3. add the two values from 1. and 2. and divide by 10000;
4. add one (1) to the result from 3. and multiply by the dry loose unit weight.

Lightweight fill material shall be placed and compacted to the designated dimensions in conformance with the provisions in Sections 19-1.03, "Grade Tolerance," and 19-6, "Embankment Construction," of the Standard Specifications. The provisions in Section 19-5, "Compaction," of the Standard Specifications shall not apply.

Initial layers of lightweight fill material may be placed by end dumping from trucks, or by any other method approved by the Engineer.



Lightweight fill material shall be spread or placed in such manner that will prevent bulking of the material and minimize particle breakdown. Lightweight fill material shall be compacted in uniform layers not to exceed 0.2-m thickness before compaction. Compaction shall be obtained by a minimum of 3 complete coverage passes using smooth drum steel roller compaction equipment imposing contact force of 1,850 kg/m width of the roller face. Track type equipment which imposes the equivalent contact pressure as that specified for steel drum rollers, as determined by the Engineer, may be used provided the 3 complete coverages of the tracks of the track type equipment are achieved. Sufficient moisture treatment shall be made to aid the compactive effort. Compaction using pneumatic-tired equipment or compaction within trenches or other limited-access areas, or compaction in areas of low confining pressure, shall be by a method approved by the Engineer.

When alternative compaction equipment and methods of compaction (including use of pneumatic-tired equipment in trenches, in limited-access areas, and areas of low confining pressure) are proposed by the Contractor, a test site placing and compacting lightweight fill material shall be constructed. The alternative compaction equipment and methods of compaction shall not be used until, evaluation of the test site by the Engineer and the alternative methods and equipment have been approved by the Engineer.

## **EXCAVATION AND TRANSPORTATION PLAN**

Prior to starting excavation in areas determined to contain aurally deposited lead, the Contractor shall submit, for acceptance by the Engineer, a detailed excavation and transportation plan in conformance with the regulations of the Department of Toxic Substance Control and the California Division of Occupational Safety and Health Administration (Cal-OSHA). The sampling and analysis plans shall meet the requirements for the design and development of the sampling plan, statistical analysis, and reporting of test results contained in USEPA, SW 846, "Test Methods for Evaluating Solid Waste," Volume II: Field Manual Physical/Chemical, Chapter Nine, Section 9.1. The detailed excavation and transportation plan shall be submitted to the Engineer 15 days prior to excavation and transportation of hazardous materials.

The excavation and transportation plan shall consist of preparing a written plan that establishes the procedures that the Contractor will use to comply with requirements for excavating, transporting and placing (or disposing) of soil with aurally deposited lead. The plan shall contain, but not be limited to the following elements:

- A. Excavation schedule (by location and date)
- B. Temporary stockpile locations
- C. Post stockpile sampling plans for stockpile areas
  - 1. Location and number of samples
  - 2. Analytical laboratory
- D. Sampling and analysis plan for the soil cover
- F. Dust control measures
- G. Air monitoring
  - 1. Location and type of equipment
  - 2. Sampling frequency
  - 3. Analytical laboratory
- H. Soil with aurally deposited lead transportation equipment and routes
- I. Method of preventing tracking soil onto public roads and preventing spills
- J. Truck waiting and staging areas on the right of way
- K. Disposal site for disposal of hazardous waste
- L. Example of Bill of Lading to be carried by trucks carrying Type Y material. The bill of lading shall contain: US DOT description including shipping name, hazard class and ID number; handling codes; quantity of material; volume of material. Copies of the bills of lading shall be provided to the Engineer upon placement of Type Y material in it's final location. Trucks carrying type Y material shall not leave the highway right of way.
- M. Aerially Deposited Lead Soil Spill Contingency Plan

The Engineer will notify the Contractor of acceptance or rejection of any submitted or revised Lead Compliance Plan and Excavation and Transportation Plan not more than 10 days after submittal of the plan.

Excavation, transportation, placement, and handling of materials containing aurally deposited lead shall be processed without visible dust. The Contractor shall have a water truck available at all times while performing clearing and grubbing and earthwork operations in work areas containing aurally deposited lead.

Prior to traveling on public roads, loose and extraneous material shall be removed from surfaces outside the cargo areas of the transporting vehicles and the cargo shall be covered with tarpaulins, or other cover approved by the Engineer. The Contractor shall be responsible for costs due to spillage of material containing lead during transport. The Department will not consider the Contractor a generator of these hazardous materials, and the Contractor will not be obligated for further cleanup, removal or remedial action for such materials handled or disposed of in conformance with the requirements specified herein and the appropriate State and Federal laws and regulations and county and municipal ordinances and regulations regarding hazardous waste.

Surplus materials whose lead content is not known shall be analyzed for aerially deposited lead by the Contractor prior to removing the materials from within the project limits. The Contractor shall submit a sampling and analysis plan and the name of the analytical laboratory to the Engineer at least 15 days prior to beginning sampling or analysis. The Contractor shall use a laboratory certified by the California Department of Health Services. Sampling shall be at a minimum rate of one sample per 150 cubic meters and tested for lead using EPA Method 6010 or 7000 series.

Sampling, analyses, and reporting of results for surplus materials not previously sampled will be paid for as extra work as provided in Section 4-1.03D of the Standard Specifications.

Materials containing aerially deposited lead shall be disposed of within California. The disposal site shall be operating under a permit issued by the California Environmental Protection Agency (Cal-EPA) Boards.

The Engineer will obtain the EPA Generator Identification Number and the State of California Board of Equalization Identification Number for hazardous material disposal. The Engineer will sign all hazardous waste manifests.

Sampling, analyzing, transporting, and disposing of materials containing aerially deposited lead excavated outside the pay limits of excavation will be at the Contractor's expense.

#### **MEASUREMENT AND PAYMENT (EARTHWORK)**

Measurement and payment for earthwork shall conform to all provisions for "Measurement" and "Payment" in Section 19, "Earthwork," of the Standard Specifications and these special provisions.

If structure excavation involved in bridges is not otherwise designated by type, and payment for the structure excavation has not otherwise been provided for in the Standard Specifications or these special provisions, the structure excavation will be paid for at the contract price per cubic meter for structure excavation (bridge).

Structure excavation designated as (Type D), for footings at the locations shown on the plans, will be measured and paid for by the cubic meter as structure excavation (Type D). Ground water or surface water is expected to be encountered at these locations, but seal course concrete is not shown or specified. Structure excavation for footings at locations not designated on the plans as structure excavation (Type D), and where ground or surface water is encountered, will be measured and paid for by the cubic meter as structure excavation (bridge).

Full compensation for filter fabric shall be considered as included in the contract price paid per cubic meter for structure backfill (soldier pile wall) and no additional compensation will be allowed therefor.

The contract price paid per cubic meter for roadway excavation (ADL) for the type designated in the Engineer's Estimate shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in performing excavation and backfill work, complete in place, including obtaining an approved excavation and transportation plan and transporting soil from location to location, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

Full compensation for furnishing and placing selected material capping the aerially deposited lead Type Y material, as shown on the plans shall be considered as included in the contract price paid per cubic meter for roadway excavation (ADL, Type Y), and no additional compensation will be allowed therefor.

Pervious backfill at the abutments and wingwalls of Laurel Creek Bridge will be measured and paid for as lightweight fill (bridge).

Quantities of lightweight fill material shall be paid for by the cubic meter calculated on the basis of the mass, measured in place in conformance with the provisions in Section 9-1.01, "Measurement of Quantities," of the Standard Specifications divided by the 95 percent of the dry unit weight measured in conformance with the requirements in California Test Method 212, using test procedure (b) Compaction Method (by jiggling).

The contract price paid per cubic meter for lightweight fill material shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in constructing lightweight fill material, complete in place (including constructing and removing any test sites required), as shown on the plans, as specified in these special provisions, and as directed by the Engineer.

Full compensation for furnishing and placing geotextile filter fabric shall be considered as included in the contract price paid per cubic meter for lightweight fill (bridge) and no additional compensation will be allowed therefor.

Full compensation for shape ditch shall be considered as included in the contract price paid per cubic meter for roadway excavation and no separate payment will be made therefor.

#### **10-1.69 SURVEY OF EXISTING NON-HIGHWAY FACILITIES**

This work shall consist of preparing a photo survey, elevation survey, and crack monitoring of existing facilities, buildings, sub sidewalk basements, and other improvements which could be damaged by the Contractor's operations. The Contractor shall prepare the elevation survey and photo survey prior to and after performing the pile driving construction activities and as directed by the Engineer. The crack monitoring shall be on existing cracks and shall be completed with the first photo survey and periodically throughout the pile driving construction activities.

The photo survey shall consist of photographic and video recordings of the conditions of the facilities (internal and external cracks in structures, settlement, leakage, and the like) and shall document the condition of the foundations, walls, ceiling, roof, improvements and other building elements on the interiors and exteriors of specified facilities.

The pre-construction photo survey shall be conducted at least 10 days prior to pile driving construction activities. The post-construction photo survey shall be performed on the same facilities within 5 working days after completion of pile driving construction activities.

The photo survey, elevation survey, and crack monitoring shall be conducted at facilities shown in the table entitled "Vibration Monitoring and Photo Survey" in "Vibration Monitoring," elsewhere in these special provisions or as directed by the Engineer. Photo survey of any listed facility shall be completed within 26 m of that particular building or structure.

The elevation survey shall be conducted to obtain vertical elevations of existing buildings, foundations, and other improvements. A minimum of three points shall be monitored at each facility. Elevation measuring equipment shall be of a type approved by the Engineer.

Crack monitoring shall be with a calibrated crack monitoring device approved by the Engineer.

The Contractor shall submit to the Engineer for approval a complete description of the work to be completed for each surveyed location. The work to be completed shall consist of records of observations, videotapes, and photographs.

The Contractor shall notify the Engineer 48 hours prior to beginning the photo and elevation survey and crack monitoring work.

Each photograph is to be color and have a printed image size of at least 5 x 7 inches. All prints shall be on glossy photographic paper. Proof sheets, thumbnail prints, contact prints, or digital photos are not acceptable. All negatives shall be provided in protective sleeves. The negatives shall be index to facilitate expeditious reproduction. All photographs shall be identified by date, location, orientation, and labeled with a detailed description. All photographs shall be submitted in a 3-ring binder and shall include the following: protective photo sleeves, building layout, and summary sheet indexing all photographs.

The photo survey shall also include video tape recordings of the foundation, floor, walls, ceiling, roof, improvements, and all building elements inside and outside specified facilities. The video tapes shall show the condition of the facility, including but not limited to any and all deficiencies in the facility such as cracks, settlement, leakage, and the like. The video tape recordings shall be narrated contemporaneously by the camera operator, documenting the location, orientation, time, and date of the scene. The videotapes shall be premium grade VHS color tapes and shall be recorded in the Standard Play (SP) mode. All video tape recordings shall be made to the highest quality standards. No more than one facility shall be recorded on a single videotape. The Contractor shall submit the original, unedited video recording to the Engineer.

A written report of the record of observations shall be submitted with the video tape. The written report shall include the date, time, and location of the video tape recording. The report shall also include a table listing any anomalies along with a detailed description and orientation of the anomalies. The table shall also list the beginning and ending times of the videocassette counter for each anomaly recorded on the videotape.

The photographs, videotapes, and reports of all observations shall be prepared in triplicate by the Contractor and every document shall be signed by the authorized representatives of the State and of the Contractor. Videotapes and photographs, as deemed advisable by the Engineer will be made by the Contractor and signed in the manner specified above. One signed copy of every document and photograph will be kept on file by the Engineer.

The pre-construction survey records and documentation specified above shall be submitted to the Engineer prior to commencement of pile driving construction activities. The Engineer shall have five working days to review the submittal for adequacy. No work shall take place unless the Engineer approves the pre-construction survey records.

The post-construction survey documents shall be submitted within 10 working days after pile driving construction activities are completed.

The above referenced records, video tapes, and photographs are intended for use as indisputable evidence in ascertaining the extent of any damage which may occur as a result of the Contractor's operations. The above-referenced records, videotapes, and photographs are for the protection of the adjacent property owners, the Contractor, and the State. These records will be used to determine any damage from the Contractor's operations during the work.

Attention is directed to Section 7-1.12, "Responsibility for Damage" of the Standard Specifications. The Contractor shall immediately inform the Engineer in writing of any damage to these and other facilities.

The contract lump sum price paid for survey of existing non-highway facilities shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in photo survey and elevation survey of existing facilities and crack monitoring, as specified in these special provisions, and as directed by the Engineer.

The Engineer may order photo surveys, elevation surveys, and crack monitoring of existing facilities other than those facilities listed under "Vibration Monitoring and Photo Survey." Photo surveys, elevation surveys, and crack monitoring of existing facilities other than those facilities listed under "Vibration Monitoring and Photo Survey" will be paid for as extra work as provided in Section 4-1.03D of the Standard Specifications.

### **10-1.70 VIBRATION MONITORING**

This work shall consist of vibration monitoring as a means of protecting the following properties from excess vibration during the pile driving construction activities:

#### **VIBRATION MONITORING AND PHOTO SURVEY**

##### **Address/Description**

3111 La Selva, San Mateo  
3130 La Selva, San Mateo  
3170 Casa de Campo, San Mateo  
3201 La Selva, San Mateo  
3249 La Selva, San Mateo  
3335 La Selva, San Mateo  
3347 La Selva, San Mateo  
3355 La Selva, San Mateo  
3377 La Selva, San Mateo  
3385 La Selva, San Mateo  
3401 La Selva, San Mateo  
3403 La Selva, San Mateo  
3405 La Selva, San Mateo  
3407 La Selva, San Mateo  
3409 La Selva, San Mateo  
3411 La Selva, San Mateo  
3413 La Selva, San Mateo  
3415 La Selva, San Mateo  
3417 La Selva, San Mateo  
3419 La Selva, San Mateo  
3377 Kimberley Way, San Mateo  
301 Oxford Way, Belmont  
397 Oxford Way, San Mateo  
399 Oxford Way, San Mateo  
401 Oxford Way, San Mateo  
403 Oxford Way, San Mateo  
405 Oxford Way, San Mateo  
407 Oxford Way, San Mateo  
409 Oxford Way, San Mateo  
401 Wessex Way, San Mateo  
405 Wessex Way, San Mateo  
409 Wessex Way, San Mateo  
413 Wessex Way, San Mateo  
417 Wessex Way, San Mateo  
421 Wessex Way, San Mateo  
425 Wessex Way, San Mateo

At the above listed locations, vibration monitoring and recording shall be performed within 26 m of the said locations before and during the course of all pile-driving activity and for other significant impact work as determined by the Engineer. The first vibration monitoring prior to the start of pile driving activities shall be the baseline for all subsequent recordings. Vibration monitoring equipment shall be furnished and installed by the Contractor and shall be capable of continuous operation with instant monitoring results. The Contractor shall have the equipment in place and functioning properly prior to any pile driving activity with 26 m of the affected property. No pile driving activity occurring within this zone shall occur unless monitoring equipment is functioning properly. The equipment shall be set up in a manner such that an immediate warning is given when particle velocity equal to or exceeding 5.0 mm per second is produced. Monitoring equipment shall be stationed within 1 m of the exterior of designated buildings on the side facing the Contractor's work site. For buildings whose frontage exceeds 60 m, at least 2 monitors shall be utilized at that location. When any reading on monitoring equipment equals or exceeds 5.0 mm per second, work shall immediately cease and the Contractor shall immediately take whatever action is necessary to reduce and maintain the monitoring equipment reading below a particle velocity of 5.0 mm per second.

Compliance with this section does not relieve the Contractor of full responsibility for damage caused by Contractor's operations as per Section 7-1.12 "Responsibility for Damage," of the Standard Specifications.

The contract lump sum price paid for vibration monitoring shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all work involved in vibration monitoring, as specified in these special provisions and as directed by the Engineer.

**ENGINEER'S ESTIMATE**  
**04-235724**

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
1	070010	PROGRESS SCHEDULE (CRITICAL PATH)	LS	LUMP SUM	LUMP SUM	
2	070018	TIME RELATED OVERHEAD	WDAY	370		
3 (S)	071322	TEMPORARY FENCE (TYPE CL-1.8)	M	1350		
4	019648	NON-STORM WATER DISCHARGE	LS	LUMP SUM	LUMP SUM	
5	074019	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	LUMP SUM	LUMP SUM	
6	074020	WATER POLLUTION CONTROL	LS	LUMP SUM	LUMP SUM	
7	019649	TEMPORARY COVER	M2	2500		
8	019650	TEMPORARY DRAINAGE INLET PROTECTION	EA	13		
9	019651	TEMPORARY CONCRETE WASHOUT FACILITY	LS	LUMP SUM	LUMP SUM	
10	019652	TEMPORARY FENCE (TYPE ESA)	M	1910		
11	019653	STABILIZED CONSTRUCTION ENTRANCE	EA	5		
12	074025	TEMPORARY SOIL STABILIZER	M2	25 000		
13	074028	TEMPORARY FIBER ROLL	M	390		
14	019654	TEMPORARY FIBER ROLL (CHECK DAM)	M	28		
15	074029	TEMPORARY SILT FENCE	M	3690		
16	074031	TEMPORARY SAND BAG	EA	310		
17 (S)	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
18 (S)	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
19 (S)	120149	TEMPORARY PAVEMENT MARKING (PAINT)	M2	11		
20 (S)	120159	TEMPORARY TRAFFIC STRIPE (PAINT)	M	22 900		

**ENGINEER'S ESTIMATE**  
**04-235724**

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21 (S)	120165	CHANNELIZER (SURFACE MOUNTED)	EA	42		
22 (S)	120300	TEMPORARY PAVEMENT MARKER	EA	1530		
23 (S)	128650	PORTABLE CHANGEABLE MESSAGE SIGN	EA	4		
24	129000	TEMPORARY RAILING (TYPE K)	M	4770		
25 (S)	129100	TEMPORARY CRASH CUSHION MODULE	EA	45		
26	150174	REMOVE THERMOPLASTIC TRAFFIC STRIPE	M	1040		
27	150608	REMOVE CHAIN LINK FENCE	M	1130		
28	019655	REMOVE FENCE (WOOD)	M	220		
29	019656	REMOVE CHAIN LINK GATE	EA	1		
30	150662	REMOVE METAL BEAM GUARD RAILING	M	66		
31	150711	REMOVE PAINTED TRAFFIC STRIPE	M	1590		
32	019657	REMOVE YELLOW PAINTED TRAFFIC STRIPE	M	4170		
33	150713	REMOVE PAVEMENT MARKING	M2	17		
34	150722	REMOVE PAVEMENT MARKER	EA	3770		
35	150760	REMOVE SIGN STRUCTURE	EA	1		
36	019658	REMOVE CHANGEABLE MESSAGE SIGN STRUCTURE	EA	1		
37	019659	REMOVE ASPHALT CONCRETE APRON	M3	1.5		
38	150805	REMOVE CULVERT	M	21		
39	019660	REMOVE TEMPORARY PAVEMENT	M3	75		
40	019661	REPLACE FENCE	M	15		



**ENGINEER'S ESTIMATE**  
**04-235724**

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	152392	RELOCATE ROADSIDE SIGN (WOOD POST)	EA	19		
42 (S)	861295	RELOCATE EXTINGUISHABLE MESSAGE SIGN	EA	1		
43 (S)	153101	PLANE ASPHALT CONCRETE PAVEMENT	M2	1140		
44	153210	REMOVE CONCRETE	M3	35		
45	019662	ASBESTOS SURVEY	LS	LUMP SUM	LUMP SUM	
46	156576	REMOVE METAL RAILING	M	120		
47	157560	BRIDGE REMOVAL (PORTION)	LS	LUMP SUM	LUMP SUM	
48	160101	CLEARING AND GRUBBING	LS	LUMP SUM	LUMP SUM	
49	170101	DEVELOP WATER SUPPLY	LS	LUMP SUM	LUMP SUM	
50	190101	ROADWAY EXCAVATION	M3	27 800		
51	019663	ROADWAY EXCAVATION (AERIALY DEPOSITED LEAD MATERIAL, TYPE Y)	M3	5420		
52	019664	LEAD COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	
53 (F)	192003	STRUCTURE EXCAVATION (BRIDGE)	M3	288		
54 (F)	192020	STRUCTURE EXCAVATION (TYPE D)	M3	53		
55	193030	PERVIOUS BACKFILL MATERIAL	M3	350		
56	194001	DITCH EXCAVATION	M3	180		
57	198100	LIGHTWEIGHT FILL	M3	20 900		
58 (F)	048361	LIGHTWEIGHT FILL (BRIDGE)	M3	436		
59	019665	GEOTEXTILE REINFORCEMENT FABRIC	M2	50 800		
60 (S)	200001	HIGHWAY PLANTING	LS	LUMP SUM	LUMP SUM	

**ENGINEER'S ESTIMATE**  
**04-235724**

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61 (S)	019666	WETLAND REVEGETATION	M2	1530		
62 (S)	019667	MULCH (EROSION CONTROL)	M2	32 500		
63 (S)	203001	EROSION CONTROL (BLANKET)	M2	6510		
64 (S)	204099	PLANT ESTABLISHMENT WORK	LS	LUMP SUM	LUMP SUM	
65 (S)	208000	IRRIGATION SYSTEM	LS	LUMP SUM	LUMP SUM	
66 (S)	019668	WATER METER (50 MM) (BELMONT WATER DISTRICT)	EA	1		
67 (S)	019669	WATER METER (50 MM) (CALIFORNIA WATER COMPANY)	EA	1		
68 (S)	208731	200 MM CORRUGATED HIGH DENSITY POLYETHYLENE PIPE CONDUIT	M	15		
69	209801	MAINTENANCE VEHICLE PULLOUT	EA	3		
70	220101	FINISHING ROADWAY	LS	LUMP SUM	LUMP SUM	
71	260201	CLASS 2 AGGREGATE BASE	M3	7880		
72	390152	ASPHALT CONCRETE	TONN	11 100		
73	390180	ASPHALT CONCRETE (BRIDGE)	TONN	11		
74	397001	ASPHALTIC EMULSION (PAINT BINDER)	TONN	7		
75	490759	FURNISH PILING (CLASS 400C)	M	2290		
76 (S)	490760	DRIVE PILE (CLASS 400C)	EA	176		
77 (F)	019678	STRUCTURAL CONCRETE, SIGN FOOTING	M3	11		
78 (F)	510053	STRUCTURAL CONCRETE, BRIDGE	M3	73		
79 (F)	510058	STRUCTURAL CONCRETE, WALL	M3	24		
80 (F)	510502	MINOR CONCRETE (MINOR STRUCTURE)	M3	2.5		

**ENGINEER'S ESTIMATE**  
**04-235724**

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
101 (S)	800391	CHAIN LINK FENCE (TYPE CL-1.8)	M	43		
102	820107	DELINEATOR (CLASS 1)	EA	50		
103	820132	OBJECT MARKER (TYPE L)	EA	3		
104	820134	OBJECT MARKER (TYPE P)	EA	1		
105 (S)	832001	METAL BEAM GUARD RAILING	M	50		
106	833162	CONCRETE BARRIER (TYPE 27B)	M	350		
107	833183	CONCRETE BARRIER (TYPE 27SV)	M	180		
108 (F)	833187	CONCRETE BARRIER (TYPE 27 MODIFIED)	M	33		
109 (S)	839565	TERMINAL SYSTEM (TYPE SRT)	EA	5		
110	839568	TERMINAL ANCHOR ASSEMBLY (TYPE SFT)	EA	2		
111 (S)	840501	THERMOPLASTIC TRAFFIC STRIPE	M	3030		
112 (S)	840515	THERMOPLASTIC PAVEMENT MARKING	M2	20		
113 (S)	840656	PAINT TRAFFIC STRIPE (2-COAT)	M	9410		
114 (S)	850101	PAVEMENT MARKER (NON-REFLECTIVE)	EA	3660		
115 (S)	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	1940		
116 (S)	019672	LIGHTING AND SIGN ILLUMINATION (STAGE CONSTRUCTION)	LS	LUMP SUM	LUMP SUM	
117 (S)	860460	LIGHTING AND SIGN ILLUMINATION	LS	LUMP SUM	LUMP SUM	
118	860530	CHANGEABLE MESSAGE SIGN SYSTEM	EA	1		
119	860640	IRRIGATION CONTROLLER ENCLOSURE CABINET	LS	LUMP SUM	LUMP SUM	
120 (S)	019673	MODIFY TRAFFIC OPERATION SYSTEM (LOCATION 1)	LS	LUMP SUM	LUMP SUM	

**ENGINEER'S ESTIMATE  
04-235724**

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
121 (S)	019674	MODIFY TRAFFIC OPERATION SYSTEM (LOCATION 2)	LS	LUMP SUM	LUMP SUM	
122 (S)	019675	MODIFY TRAFFIC OPERATION SYSTEM (LOCATION 3)	LS	LUMP SUM	LUMP SUM	
123 (S)	019676	MODIFY TRAFFIC OPERATION SYSTEM (LOCATION 4)	LS	LUMP SUM	LUMP SUM	
124 (S)	019677	MODIFY TRAFFIC OPERATION SYSTEM (LOCATION 5)	LS	LUMP SUM	LUMP SUM	
125 (S)	861101	RAMP METERING SYSTEM (LOCATION 1)	LS	LUMP SUM	LUMP SUM	
126 (S)	861102	RAMP METERING SYSTEM (LOCATION 2)	LS	LUMP SUM	LUMP SUM	
127	BLANK					
128	014712	SURVEY OF EXISTING NON-HIGHWAY FACILITIES	LS	LUMP SUM	LUMP SUM	
129	014715	VIBRATION MONITORING	LS	LUMP SUM	LUMP SUM	
130	150806	REMOVE PIPE	M	25		
131	150820	REMOVE INLET	EA	1		
132	020170	ROADWAY EXCAVATION (AERIALY DEPOSITED LEAD MATERIAL, TYPE Z-2)	M3	1880		
133	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

**TOTAL BID: \_\_\_\_\_**

GENERAL DECISION CA000029 09/29/00 CA29  
General Decision Number CA000029

Superseded General Decision No. CA990029

State: California

Construction Type:

BUILDING  
DREDGING  
HEAVY  
HIGHWAY

County(ies):

<b>ALAMEDA</b>	<b>MARIPOSA</b>	<b>SAN MATEO</b>
<b>CALAVERAS</b>	<b>MERCED</b>	<b>SANTA CLARA</b>
<b>CONTRA COSTA</b>	<b>MONTEREY</b>	<b>SANTA CRUZ</b>
<b>FRESNO</b>	<b>SAN BENITO</b>	<b>STANISLAUS</b>
<b>KINGS</b>	<b>SAN FRANCISCO</b>	<b>TUOLUMNE</b>
<b>MADERA</b>	<b>SAN JOAQUIN</b>	

BUILDING CONSTRUCTION PROJECTS; DREDGING PROJECTS (does not include hopper dredge work); HEAVY CONSTRUCTION PROJECTS (does not include water well drilling); HIGHWAY CONSTRUCTION PROJECTS

Modification Number	Publication Date
0	02/11/2000
1	03/03/2000
2	03/17/2000
3	04/28/2000
4	06/09/2000
5	06/16/2000
6	06/30/2000
7	07/28/2000
8	08/11/2000
9	08/18/2000
10	08/25/2000
11	09/08/2000
12	09/29/2000

## COUNTY(ies):

ALAMEDA	MARIPOSA	SAN MATEO
CALAVERAS	MERCED	SANTA CLARA
CONTRA COSTA	MONTEREY	SANTA CRUZ
FRESNO	SAN BENITO	STANISLAUS
KINGS	SAN FRANCISCO	TUOLUMNE
MADERA	SAN JOAQUIN	

ASBE0016A 08/01/1999

	Rates	Fringes
INSULATOR/ASBESTOS WORKER		
Includes the application of all insulating materials, protective coverings, coatings, and finishings to all types of mechanical systems	36.13	7.41

ASBE0016E 05/01/1999

	Rates	Fringes
ALAMEDA, CONTRA COSTA, SAN FRANCISCO, SAN MATEO AND SANTA CLARA COUNTIES:		

ASBESTOS REMOVAL WORKER/  
HAZARDOUS MATERIAL HANDLER

Includes preparation, wetting, stripping, removal, scrapping, vacuuming, bagging and disposing of all insulation materials from mechanical systems, whether they contain asbestos or not	22.01	4.28
--	-------	------

ASBE0016F 05/01/1999

	Rates	Fringes
CALAVERAS, FRESNO, KINGS, MADERA, MARIPOSA, MERCED, MONTEREY, SAN BENITO, SAN JOAQUIN, SANTA CRUZ, STANISLAUS AND TUOLUMNE COUNTIES:		

ASBESTOS REMOVAL WORKER/  
HAZARDOUS MATERIAL HANDLER

Includes preparation, wetting, stripping, removal, scrapping, vacuuming, bagging and disposing of all insulation materials from mechanical systems, whether they contain asbestos or not	22.01	4.28
--	-------	------

BOIL0092A 10/01/1999

	Rates	Fringes
BOILERMAKER	29.56	9.81
TUBE WELDER	31.06	9.81

BRCA0003B 08/01/1998

	Rates	Fringes
MARBLE FINISHER	21.12	4.97

BRCA0003D 08/01/1998

	Rates	Fringes
MARBLE SETTER	25.89	12.92

---

BRCA0003G 07/01/1999

	Rates	Fringes
SAN FRANCISCO AND SAN MATEO COUNTIES:		

BRICKLAYER	29.45	9.75
------------	-------	------

FOOTNOTES:

Underground work such as tunnel work, sewer work, manholes, catch basins, sewer pipes and telephone conduit: \$5.00 per day additional.

Additionally, for work in direct contact with raw sewage: \$2.50 per day additional.

Operating a saw or grinder: \$0.50 per hour additional.

Gunite nozzle person: \$1.00 per hour additional.

On one or two person light duty swinging scaffolds, from and including the seventh floor to the sky (floors to be determined by the number on the elevator identity or floor identity): \$10.00 per day additional.

---

BRCA0003K 07/01/1999

	Rates	Fringes
ALAMEDA, CONTRA COSTA, SAN BENITO AND SANTA CLARA COUNTIES:		

BRICKLAYER	28.67	8.53
------------	-------	------

CALAVERAS, SAN JOAQUIN, STANISLAUS  
AND TUOLUMNE COUNTIES:

BRICKLAYER	24.45	7.05
------------	-------	------

FOOTNOTES:

Underground work such as tunnel work, sewer work, manholes, catch basins, sewer pipes and telephone conduit shall be paid \$5.00 per day above the regular wage.

In addition to the daily allowance specified in the preceding sentence, all employees working in direct contact with raw sewage shall receive an additional allowance of \$2.50 per day above the regular wage.

Fifty cents (\$0.50) per hour extra will be allowed for operating a saw or grinder, provided such work is for the major portion of the day.

A gunite nozzle person shall receive \$1.00 per hour above the journeyman wage rate.

On one or two-person light-duty swinging scaffolds, from and including the seventh floor to the sky, \$10.00 per day over and above the regular wage shall be paid. The floors shall be determined by the number on the elevator identity or floor identity.

---

BRCA0003O 07/01/1999

	Rates	Fringes
MONTEREY AND SANTA CRUZ COUNTIES:		

BRICKLAYER	27.38	9.05
------------	-------	------

FOOTNOTES:

Underground work such as tunnel work, sewer work, manholes, catch basins, sewer pipes and telephone conduit: \$5.00 per day additional. In addition to the daily allowance specified in the preceding sentence, all workers working in direct contact with raw sewage: \$2.50 per day additional.

Operating a saw or grinder, provided such work is for the major portion of the day: \$0.50 per hour additional.

Guniting nozzle person: \$1.00 per hour additional.

Work on one or two person light duty swinging scaffolds, from and including the seventh floor to the sky (floors to be determined by the number on the elevator identity or floor identity): \$10.00 per day additional.

-----  
BRCA0003Q 07/01/1999

	Rates	Fringes
FRESNO, KINGS, MADERA, MARIPOSA AND MERCED COUNTIES:		

BRICKLAYER	22.35	8.15
------------	-------	------

-----

BRCA0003T 04/01/1998

	Rates	Fringes
ALAMEDA, CALAVERAS, CONTRA COSTA, MONTEREY, SAN BENITO, SAN FRANCISCO, SAN JOAQUIN, SAN MATEO, SANTA CLARA, SANTA CRUZ, STANISLAUS AND TUOLUMNE COUNTIES:		

TILE SETTER	25.03	7.60
TILE FINISHER	13.06	5.27

-----

BRCA0004P 07/01/1999

	Rates	Fringes
TERRAZZO WORKER	29.33	5.70
TERRAZZO FINISHER	15.56	5.02

FOOTNOTE:

Base machine operator: \$.75 per hour additional.

-----  
BRCA9003A 04/01/1999

	Rates	Fringes
FRESNO, KINGS, MADERA, MARIPOSA AND MERCED COUNTIES:		

TILE FINISHER	15.70	4.22
TILE SETTER	20.29	5.00

-----

CARP0003A 08/01/2000

	Rates	Fringes
ALAMEDA, CONTRA COSTA, SAN FRANCISCO, SAN MATEO AND SANTA CLARA COUNTIES:		

DRYWALL INSTALLER/LATHER	28.00	11.645
DRYWALL STOCKER/SCRAPPER	14.50	6.385



MONTEREY, SAN BENITO AND SANTA CRUZ COUNTIES:

DRYWALL INSTALLER/LATHER	24.12	11.645
DRYWALL STOCKER/SCRAPPER	12.06	6.385

REMAINDER OF COUNTIES:

DRYWALL INSTALLER/LATHER	23.27	11.645
DRYWALL STOCKER/SCRAPPER	11.64	6.385

NOTE: Effective 8/1/99 new projects public or private, valued at twenty-five million dollars or more shall be paid at the Alameda, Contra Costa, San Francisco, San Mateo, and Santa Clara Counties rate.

CARP0012E 09/01/1993

	Rates	Fringes
CALAVERAS, SAN JOAQUIN AND STANISLAUS COUNTIES:		

TILE FINISHER	12.80	3.12
---------------	-------	------

CARP0034A 07/01/1999

	Rates	Fringes
DIVERS:		
Diver standby	28.65	13.625
Diver wet pay	39.90	13.625
Tender	28.65	13.625
Saturation diver	46.50	13.625
Manned submersible	46.50	13.625
Manifold operator/life support Technician	30.65	13.625
Remote controlled vehicle-remote operated vehicle pilot	28.65	13.625
Bell winch operator	28.65	13.625

DEPTH PAY (Surface Diving):

50 to 100 ft	\$1.32/ft
100 to 150 ft	\$66.00 + \$1.85/ft
150 to 200 ft	\$158.00 + \$2.65/ft
200 ft and over	\$291.00 + \$3.00/ft

CARP0034C 07/01/2000

	Rates	Fringes
ALAMEDA, CONTRA COSTA, SAN FRANCISCO, SAN MATEO, AND SANTA CLARA COUNTIES:		

PILEDRIIVER	26.65	13.625
*PILEDRIIVER - BRIDGE BUILDER	28.00	11.205

CALAVERAS, FRESNO, KINGS, MADERA, MARIPOSA, MERCED, SAN JOAQUIN, STANISLAUS, AND TUOLUMNE COUNTIES:

PILEDRIIVER	26.65	13.625
*PILEDRIIVER - BRIDGE BUILDER	23.77	11.205

MONTEREY, SAN BENITO AND SANTA CRUZ COUNTIES:

PILEDRIIVER	26.65	13.625
-------------	-------	--------

*PILED RIVER - BRIDGE BUILDER	24.62	11.205
-------------------------------	-------	--------

\*FOOTNOTE: Effective 7/1/99 new projects public or private, vaulted at twenty five million dollars or more shall be paid at the Alameda, Contra Costa, San Francisco, San Mateo, and Santa Clara counties rate.

*PILED RIVER BRIDGE BUILDERS	28.00	11.205
------------------------------	-------	--------

CARP0035A 07/01/2000

	Rates	Fringes
ALAMEDA, CONTRA COSTA, SAN FRANCISCO, SAN MATEO, AND SANTA CLARA COUNTIES:		

CARPENTER	28.00	11.205
-----------	-------	--------

HARDWOOD FLOOR LAYER; SHINGLER;  
POWER SAW OPERATOR; STEEL  
SCAFFOLD AND STEEL SHORING  
ERECTOR; SAW FILER

28.15	11.205
-------	--------

BRIDGE BUILDERS	28.00	11.205
-----------------	-------	--------

MILLWRIGHT	28.00	12.645
------------	-------	--------

CALAVERAS, FRESNO, KINGS, MADERA, MARIPOSA, MERCED, SAN JOAQUIN, STANISLAUS, AND TUOLUMNE COUNTIES:

CARPENTER	22.77	11.205
-----------	-------	--------

HARDWOOD FLOOR LAYER; SHINGLER;  
POWER SAW OPERATOR; STEEL  
SCAFFOLD AND STEEL SHORING  
ERECTOR; SAW FILER

22.97	11.205
-------	--------

BRIDGE BUILDERS	23.77	11.205
-----------------	-------	--------

MILLWRIGHT	23.92	12.645
------------	-------	--------

MONTEREY, SAN BENITO, AND SANTA CRUZ COUNTIES:

CARPENTER	24.12	11.205
-----------	-------	--------

HARDWOOD FLOOR LAYER; SHINGLER;  
POWER SAW OPERATOR; STEEL  
SCAFFOLD AND STEEL SHORING  
ERECTOR; SAW FILER

24.27	11.205
-------	--------

BRIDGE BUILDERS	24.62	11.205
-----------------	-------	--------

MILLWRIGHT	25.27	12.645
------------	-------	--------

FOOTNOTE: Effective 7/1/99 new projects public or private, valued at twenty-five million dollars or more shall be paid at the Alameda, Contra Costa, San Francisco, San Mato, and Santa Clara counties rate.

CARP0035H 07/01/1999

	Rates	Fringes
MODULAR FURNITURE INSTALLER	16.87	7.465

ELEC0006A 12/01/1999

Rates	Fringes
-------	---------

ALAMEDA, CONTRA COSTA, MONTEREY, SAN BENITO, SAN FRANCISCO,  
SAN MATEO, SANTA CLARA, AND SANTA CRUZ COUNTIES:

COMMUNICATIONS AND SYSTEMS WORK:

Communications and Systems		
Installer	21.32	3%+4.10
Communications and Systems		
Technician	24.28	3%+4.10

SCOPE OF WORK:

Including any data system whose only function is to transmit or receive information; excluding all other data systems or

multiple systems which include control function or power supply; inclusion or exclusion of terminations and testings of conductors determined by their function; excluding fire alarm work when installed in raceways (including wire and cable pulling) and when performed on new or major remodel building projects or jobs for which the conductors for the fire alarm system are installed in conduit; excluding installation of raceway systems, line voltage work, industrial work, life-safety systems (all buildings having floors located more than 75' above the lowest floor level having building access); excluding energy management systems.

FOOTNOTE:

Fire alarm work when installed in raceways (including wire and cable pulling), on projects which involve new or major remodel building construction, for which the conductors for the fire alarm system are installed in the conduit, shall be performed by the inside electrician.

-----

ELEC0006D 06/01/1998		
	Rates	Fringes
SAN FRANCISCO COUNTY:		
LINE CONSTRUCTION:		
Line technician; ground		
person/driver	34.375	3% + 11.665
Cable splicer	38.67	3% + 11.665
Ground person	29.92	3% + 11.665

-----

ELEC0006E 11/01/1998		
	Rates	Fringes
SAN FRANCISCO COUNTY:		
SIGN ELECTRICIAN	20.00	3%

FOOTNOTE:

Paid Holidays: New Year's Day, Washington's Birthday, Memorial Day, 4th of July, Labor Day, Thanksgiving Day, Day after Thanksgiving, and Christmas Day. To be eligible for holiday pay the worker must work the first business day before and after said holiday.

-----

ELEC0006H 06/01/1998		
	Rates	Fringes
SAN FRANCISCO COUNTY:		

## ELECTRICIAN:

Electrician	34.375	3% + 11.57
Cable splicer	38.67	3% + 11.57

-----  
ELEC0006K 12/01/1999

	Rates	Fringes
CALAVERAS, FRESNO, KINGS, MADERA, MARIPOSA, MERCED, SAN JOAQUIN, STANISLAUS AND TUOLUMNE COUNTIES:		

## COMMUNICATIONS AND SYSTEMS WORK:

Communications and Systems		
Installer	18.72	3%+4.10
Communications and Systems		
Technician	21.31	3%+4.10

## SCOPE OF WORK:

Including any data system whose only function is to transmit or receive information; excluding all other data systems or multiple systems which include control function or power supply; inclusion or exclusion of terminations and testings of conductors determined by their function; excluding fire alarm work when installed in raceways (including wire and cable pulling) and when performed on new or major remodel building projects or jobs for which the conductors for the fire alarm system are installed in conduit; excluding installation of raceway systems, line voltage work, industrial work, life-safety systems (all buildings having floors located more than 75' above the lowest floor level having building access); excluding energy management systems.

## FOOTNOTE:

Fire alarm work when installed in raceways (including wire and cable pulling), on projects which involve new or major remodel building construction, for which the conductors for the fire alarm system are installed in the conduit, shall be performed by the inside electrician.

-----  
\* ELEC0100C 06/01/2000

	Rates	Fringes
FRESNO, KINGS, AND MADERA COUNTIES:		
ELECTRICIAN	25.10	3% + 8.61

-----  
ELEC0234A 05/29/2000

	Rates	Fringes
MONTEREY, SAN BENITO AND SANTA CRUZ COUNTIES:		
ELECTRICIANS	27.56	3% + 11.59

-----  
ELEC0234B 05/27/1996

	Rates	Fringes
MONTEREY, SAN BENITO, AND SANTA CRUZ COUNTIES:		

## LINE CONSTRUCTION:

Within the radius of 25 air miles  
from the intersection of Dolan

Road and Hwy. #1 in Moss Landing;  
and an area extending 5 miles  
east and west of Hwy. #101 south  
to the San Luis Obispo County line:

Line technician & Equipment

Operator	23.20	4%+9.80
Cable Splicer	26.10	4%+9.80
Ground Person/Truck Driver	17.40	4%+8.35

Remainder of County:

Line Technician & Equipment

Operator	25.52	4%+9.80
Cable Splicer	28.42	4%+9.80
Ground Person/Truck Driver	19.72	4%+8.35

-----  
ELEC0302A 06/01/2000

	Rates	Fringes
--	-------	---------

CONTRA COSTA COUNTY:

ELECTRICIANS:

Electrician	33.46	3%+8.16
Cable splicer	36.81	3%+8.16

-----  
ELEC0302B 06/01/1996

	Rates	Fringes
--	-------	---------

CONTRA COSTA COUNTY:

LINE CONSTRUCTION:

Line technician	29.26	3%+8.60
Cable splicer	32.19	3%+8.60
Equipment operator	26.33	3%+8.60
Ground person	21.95	3%+8.60

-----  
ELEC0332A 06/01/2000

	Rates	Fringes
--	-------	---------

SANTA CLARA COUNTY:

ELECTRICIANS:

Electrician	36.97	3% + 12.229
Cable splicer	42.52	3% + 12.396

FOOTNOTES:

Work under compressed air or where gas masks are required, or  
work on ladders, scaffolds, stacks, "Bosun's chairs," or other  
structures and where the workers are not protected by permanent  
guard rails at a distance of 40 to 60 ft. from the ground or  
supporting structures: to be paid one and one-half times the  
straight-time rate of pay.

Work on structures of 60 ft. or over (as described above): to  
be paid twice the straight-time rate of pay.

Welding: \$5.00 per day additional.  
-----

ELEC0332B 06/01/1999

	Rates	Fringes
--	-------	---------

SANTA CLARA COUNTY:

LINE CONSTRUCTION:

Line technician; line equipment person	33.50	3% + 11.06
Cable splicer	37.69	3% + 11.06
Ground person	29.32	3% + 10.11

FOOTNOTE:

Work on wooden poles, "H" frames or similar structures at a height of 75 ft. or more, or work on steel towers on tower structures where the point of attachment of the lowest high voltage insulator to the tower is 100 ft. or more: to be paid double time.

Flood lighting equipment or warning and signal lighting or similar equipment installed on towers over 100 ft. shall be considered premium work as provided above.

In determining height premium work, the top of the concrete footing of the stepped leg of the tower, or the ground level of the poles to be climbed and the lower side of the cross arm from which workers are required to work, shall be the determining factors.

There shall be no height premium work for the erection of steel transmission towers themselves.

---

ELEC0595A 06/01/2000		
	Rates	Fringes
ALAMEDA COUNTY:		
ELECTRICIANS:		
Electrician	33.49	3% + 11.89
Cable splicer	37.48	3% + 11.89

---

ELEC0595B 12/01/1999		
	Rates	Fringes
CALAVERAS AND SAN JOAQUIN COUNTIES:		
ELECTRICIANS:		
Tunnel work:		
Electrician	27.19	5.75%+ 8.59
Cable splicer	30.59	5.75%+ 8.59
All other work:		
Electrician	27.06	5.75%+ 8.59
Cable splicer	30.44	5.75%+ 8.59

---

ELEC0617A 06/01/2000		
	Rates	Fringes
SAN MATEO COUNTY:		
ELECTRICIAN	38.80	3% + 9.66

---

ELEC0684A 07/01/2000		
	Rates	Fringes
MARIPOSA, MERCED, STANISLAUS AND TUOLUMNE COUNTIES:		
Electrician	26.12	6% + 8.75

Cable splicer 28.73 6% + 8.75

---

ELEC1245A 06/01/2000

	Rates	Fringes
LINE CONSTRUCTION AND OUTSIDE UTILITY TRANSMISSION WORK:		
Line worker; Cable splicer	31.26	4.5% + 7.35
Powder worker	29.70	4.5% + 7.46
Ground person	20.32	4.5% + 7.58
Equipment specialist (operates crawler tractors, commercial motor vehicles, backhoes, trenchers, cranes (50 tons and below), and overhead and underground distribution line equipment)	26.57	4.5% + 7.07
Line worker, welding	32.82	4.5% + 7.53

SCOPE OF WORK:

All outside work on electrical transmission lines, switchyards and substations, and outside work in electrical utility distribution systems owned, maintained and operated by electrical utility companies, municipalities, or governmental agencies.

---

ELEV0008A 08/01/2000

	Rates	Fringes
ELEVATOR MECHANIC	41.845	7.195

FOOTNOTE:

Vacation Pay: 8% with 5 or more years of service, 6% for 6 months to 5 years service. Paid Holidays: New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Friday after, and Christmas Day.

---

ENGI0001A 05/01/1999

	Rates	Fringes
POWER EQUIPMENT OPERATORS		
CRANES AND ATTACHMENTS		
DREDGING		
TUNNEL AND UNDERGROUND		

These areas do not apply to piledrivers and steel erectors.

AREA 1: ALAMEDA, CONTRA COSTA, KINGS, MERCED, SAN BENITO, SAN FRANCISCO, SAN JOAQUIN, SAN MATEO, SANTA CLARA, SANTA CRUZ AND STANISLAUS COUNTIES

The remaining counties are split between Area 1 and Area 2 as noted below:

CALAVERAS COUNTY:

AREA 1: Area within the line beginning at the southernmost point of Calaveras County, Thence northerly along the southeasterly county line to the intersection with the easterly line of Range 15 East, Thence northerly to the northeast corner of Township 5N,

Range 15E,  
Thence westerly to the southeast corner of Township 6N, Range  
14E,  
Thence northerly along the range line to the intersection  
with the northerly line of said county,  
Thence westerly and southerly along the county line to the  
point of beginning.

AREA 2: Remainder of Calaveras County.

FRESNO COUNTY:

AREA 1: Area within the line beginning at the southeast corner  
of Township 13S, Range 28E,  
Thence northerly to the northeast corner of Township 13S,  
Range 28E,  
Thence westerly to the southeast corner of Township 12S,  
Range 27E,  
Thence northerly to the northeast corner of Township 12S,  
Range 27E,  
Thence westerly to the southeast corner of Township 11S,  
Range 26E,  
Thence northerly to the northeast corner of Township 11S,  
Range 26E,  
Thence westerly to the southeast corner of Township 10S,  
Range 25E,  
Thence northerly to the northeast corner of Township 9S,

Range 25E,  
Thence westerly to the southeast corner of Township 8S, Range  
24E,  
Thence northerly to the northeast corner of Township 8S,  
Range 24E,  
Thence westerly along the north line of Township 8S to  
the intersection with the Fresno County line,  
Thence southwesterly and northwesterly along said county line  
to the intersection with the southeasterly line of Merced  
County,  
Thence southwesterly along said county line to the  
intersection with the easterly line of San Benito County,  
Thence southerly along said county line to the intersection  
with the easterly line of Monterey County,  
Thence southeasterly along said county line to the  
intersection with the northwesterly line of Kings County,  
Thence northeasterly along the southeasterly line of Fresno  
County to the point of beginning.

AREA 2: Remainder of Fresno County.

MADERA COUNTY:

AREA 1: Area within the line beginning at the point of  
intersection of Fresno County, Madera County, and Merced  
County,  
Thence southeasterly and northeasterly along the southerly  
line of Madera County to the intersection with the  
northerly line of Township 8S,  
Thence westerly to the southeast corner of Township 7S, Range  
23E,  
Thence northerly to the northeast corner of Township 6S,  
Range 23E,  
Thence westerly along the north line of Township 6S to the



intersection of the northwesterly line of Madera County,  
Thence southwesterly along said county line to the point of  
beginning.

AREA 2: Remainder of Madera County.

MARIPOSA COUNTY:

AREA 1: Area within the line beginning at the point of  
intersection of Stanislaus County with Mariposa County,  
Thence southeasterly along the westerly line of Mariposa  
County to the intersection of Madera County,  
Thence northeasterly along said county line to the  
intersection of the southerly line of Township 5S,  
Thence westerly to the southeast corner of Township 5S, Range  
20E,  
Thence northerly to the northeast corner of Township 5S,  
Range 20E,

Thence westerly to the southeast corner of Township 4S, Range  
19E,  
Thence northerly along the range line to the intersection  
with the northerly line of Mariposa County,  
Thence westerly along said county line to the point of  
beginning.

AREA 2: Remainder of Mariposa County.

MONTEREY COUNTY:

AREA 1: Area within a line beginning at the intersection of the  
southerly line of Township 19S with the Pacific Ocean,  
Thence easterly along the southerly line of Township 19S to  
the northwest corner of Township 20S, Range 6E,  
Thence southerly to the southwest corner of Township 20S,  
range 6E,  
Thence easterly to the northwest corner of Township 21S,  
Range 7E,  
Thence southerly to the southwest corner of Township 21S,  
Range 7E,  
Thence easterly to the northwest corner of Township 22S,  
Range 9E,  
Thence southerly to the southwest corner of Township 22S,  
Range 9E,  
Thence easterly to the northwest corner of Township 23S,  
Range 10E,  
Thence southerly to the southwest corner of Township 24S,  
Range 10E,  
Thence easterly along the southerly line of Township 24S to  
the southeasterly corner of Monterey County,  
Thence northwesterly along said county line to the point of  
intersection with the southerly line of Santa Cruz County,  
Thence westerly along the northerly line of Monterey County  
to the Pacific Ocean,  
Thence southerly along the Pacific Ocean to the point of  
beginning.

AREA 2: Remainder of Monterey County.

TUOLUMNE COUNTY:

AREA 1: Area within the line beginning at the point of  
intersection of the easterly line of Township 2S, Range

19E, with the southerly line of Tuolumne County,  
 Thence northerly to the northeast corner of Township 1S,  
 Range 19E,  
 Thence westerly to the southeast corner of Township 1N, Range  
 18E,  
 Thence northerly to the northeast corner of Township 3N,  
 Range 18E,  
 Thence westerly to the southeast corner of Township 4N, Range  
 17E,  
 Thence northerly to the northeast corner of Township 4N,  
 Range 17E,

Thence northerly to the northeast corner of Township 4N,  
 Range 17E,  
 Thence westerly to the southeast corner of Township 5N, Range  
 15E,  
 Thence northerly to the intersection of the county line with  
 the easterly line of Township 5N, Range 15E,  
 Thence southwesterly along the county line to the  
 intersection of the northeasterly line of Stanislaus  
 County,  
 Thence southeasterly along said county line to the  
 southernmost corner of Tuolumne County,  
 Thence easterly along the county line to the point of  
 beginning.

AREA 2: Remainder of Tuolumne County.

---

ENGI0003B 07/01/1999

	Rates	Fringes
POWER EQUIPMENT OPERATORS:		
DREDGING: CLAMSHELL & DIPPER DREDGING;		
HYDRAULIC SUCTION DREDGING:		

AREA 1:

Lever person/operator	32.79	11.16
Dredge dozer; Heavy duty		
repair person/welder	27.83	11.16
Booster pump operator; Deck		
engineer; Deck mate; Dredge		
tender; Winch operator	26.71	11.16
Barge person; Deckhand; Fire		
person; Leveehand; Oiler	23.41	11.16

AREA 2:

Lever person/operator	34.79	11.16
Dredge dozer; Heavy duty		
repair person/welder	29.83	11.16
Booster pump operator; Deck		
engineer; Deck mate; Dredge		
tender; Winch operator	28.71	11.16
Barge person; Deckhand; Fire-		
person; Levee hand; Oiler	25.41	11.16

---

ENGI0003C 06/16/2000

	Rates	Fringes
ALAMEDA, CONTRA COSTA, SAN FRANCISCO, SAN MATEO AND SANTA CLARA		
COUNTIES:		

POWER EQUIPMENT OPERATORS:

GROUP 1	32.82	12.70
GROUP 2	31.29	12.70
GROUP 3	29.81	12.70
GROUP 4	28.43	12.70
GROUP 5	27.16	12.70
GROUP 6	25.84	12.70
GROUP 7	26.70	12.70
GROUP 8	23.56	12.70
GROUP 8-A	21.35	12.70

POWER EQUIPMENT OPERATORS - ALL CRANES AND ATTACHMENTS:

GROUP 1	33.70	12.70
Truck crane oiler	26.73	12.70
Oiler	24.44	12.70
GROUP 2	31.94	12.70
Truck crane oiler	26.47	12.70
Oiler	24.23	12.70
GROUP 3	30.20	12.70
Truck crane oiler	26.23	12.70
Hydraulic	25.84	12.70
Oiler	23.95	12.70

POWER EQUIPMENT OPERATORS - PILEDRIVERS:

GROUP 1	34.04	12.70
Truck crane oiler	27.06	12.70
Oiler	24.78	12.70
GROUP 2	31.22	12.70
Truck crane oiler	26.81	12.70
Oiler	24.51	12.70
GROUP 3	29.54	12.70
Truck crane oiler	26.52	12.70
Oiler	24.29	12.70
GROUP 4	28.77	12.70
GROUP 5	26.13	12.70
GROUP 6	23.90	12.70

POWER EQUIPMENT OPERATORS - STEEL ERECTORS:

GROUP 1	34.67	12.70
Truck crane oiler	27.35	12.70
Oiler	25.12	12.70
GROUP 2	32.90	12.70
Truck crane oiler	27.13	12.70
Oiler	24.85	12.70
GROUP 3	31.42	12.70
Truck crane oiler	26.86	12.70
Hydraulic	26.47	12.70
Oiler	24.63	12.70
GROUP 4	29.40	12.70
GROUP 5	28.10	12.70

FOOTNOTE:

Work suspended by ropes or cables, or work on a Yo-Yo Cat: \$.60

per hour additional.

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Operator of helicopter (when used in erection work); Hydraulic excavator, 7 cu. yds. and over; Power shovels, over 7 cu. yds.

GROUP 2: Highline cableway; Hydraulic excavator, 3-1/2 cu. yds. up to 7 cu. yds.; Power blade operator (finish); Power shovels, over 1 cu. yd. up to and including 7 cu. yds. m.r.c.

GROUP 3: Asphalt milling machine; Cable backhoe; Combination backhoe and loader over 3/4 cu. yds.; Continuous flight tie back machine; Crane mounted continuous flight tie back machine; Crane mounted drill attachment, tonnage to apply; Dozer, slope brd; Gradall; Hydraulic excavator, up to 3 1/2 cu. yds.; Loader 4 cu. yds. and over; Multiple engine scraper (when used as plush pull); Power shovels, up to and including 1 cu. yd.; Pre-stress wire wrapping machine; Side boom cat, 572, or larger; Track loader 4 cu. yds. and over; Wheel excavator (up to and including 750 cu. yds. per hour)

GROUP 4: Asphalt plant engineer/boxperson; Chicago boom; Combination backhoe and loader up to and including 3/4 cu. yd.; Concrete batch plant (wet or dry); Dozer and/or push cat; Pull-type elevating loader; Gradesetter, grade checker (mechanical or otherwise); Grooving and grinding machine; Heading shield operator; Heavy-duty drilling equipment, Hughes, LDH, Watson 3000 or similar; Heavy-duty repairperson and/or welder; Lime spreader; Loader under 4 cu. yds.; Lubrication and service engineer (mobile and grease rack); Mechanical finishers or spreader machine (asphalt, Barber-Greene and similar); Miller Formless M-9000 slope paver or similar; Portable crushing and screening plants; Power blade support; Roller operator, asphalt; Rubber-tired scraper, self-loading (paddle-wheels, etc.); Rubber-tired earthmoving equipment (scrapers); Slip form paver (concrete); Small tractor with drag; Soil stabilizer (P & H or equal); Timber skidder; Track loader up to 4 yds.; Tractor-drawn scraper; Tractor, compressor drill combination; Welder; Woods-Mixer (and other similar Pugmill equipment)

GROUP 5: Cast-in-place pipe laying machine; Combination slusher and motor operator; Concrete conveyor or concrete pump, truck or equipment mounted; Concrete conveyor, building site; Concrete pump or pumpcrete gun; Drilling equipment, Watson 2000, Texoma 700 or similar; Drilling and boring machinery, horizontal (not to apply to waterliners, wagon drills or jackhammers); Concrete mixer/all; Person and/or material hoist; Mechanical finishers (concrete) (Clary, Johnson, Bidwell Bridge Deck or similar types); Mechanical burm, curb and/or curb and gutter machine, concrete or asphalt; Mine or shaft hoist; Portable crusher; Power jumbo operator (setting slip-forms, etc., in tunnels); Screed (automatic or manual); Self-propelled compactor with dozer; Tractor with boom D6 or smaller; Trenching machine, maximum

digging capacity over 5 ft. depth; Vermeer T-600B rock cutter or similar

GROUP 6: Armor-Coater (or similar); Ballast jack tamper; Boom-type backfilling machine; Assistant plant engineer; Bridge and/or gantry crane; Chemical grouting machine, truck-mounted; Chip spreading machine operator; Concrete saw (self-propelled unit on streets, highways, ariports and canals); Deck engineer, drilling equipment Texoma 600, Hughes 200 Series or similar up to and including 30 ft. m.r.c.; Drill doctor; Helicopter radio operator; Hydro-hammer or similar; Line master; Skidsteer loader, Bobcatlarger than 743 series or similar (with attachments); Locomotive; Lull hi-lift or similar; Oiler, truck mounted equipment; Pavement breaker, truck-mounted, with compressor combination; Paving fabric installation and/or laying machine;

Pipe bending machine (pipelines only); Pipe wrapping machine (tractor propelled and supported); screed (except asphaltic concrete paving); Self-propelled pipeline wrapping machine; Soils & materials tester; Tractor

GROUP 7: Ballast regulator; Boom truck or dual-purpose A-frame truck, non-rotating - under 15 tons; Truck-mounted rotating telescopic boom type lifting device, Manitex or similar (boom truck) - under 15 tons; Cary lift or similar; Combination slurry mixer and/or cleaner; Drilling equipment, 20 ft. and under m.r.c.; Firetender (hot plant); Grouting machine operator; Highline cableway signalperson; Stationary belt loader (Kolman or similar); Lift slab machine (Vagtborg and similar types); Maginnes internal full slab vibrator; Material hoist (1 drum); Mechanical trench shield; Pavement breaker (with or without compressor combination); Pipe cleaning machine (tractor propelled and supported); Post driver; Roller (except asphalt); Chip seal; Self-propelled automatically applied concrete curing machine (on streets, highways, airports and canals); Self-propelled compactor (without dozer); Signalperson; Slip-form pumps (lifting device for concrete forms); Tie spacer; Tower mobile; Trenching machine, maximum digging capacity up to and including 5 ft. depth; Truck-type loader

GROUP 8: Bit charpener; Boiler tender; Box operator; Brakeperson; Combination mixer and compressor (shotcrete/gunite); Compressor operator; Deckhand; Fire tender; Forklift (under 20 ft.); Generator; Guniting/shotcrete equipment operator; Hydraulic monitor; Ken seal machine (or similar); Mixermobile; Oiler; Pump operator; Refrigeration plant; Reservoir-debris tug (self-propelled floating); Ross Carrier (construction site); Rotomist operator; Self-propelled tape machine; Shuttlecar; Self-propelled power sweeper operator; Slusher operator; Surface heater; Switchperson; Tar pot firetender; Tugger hoist, single drum; Vacuum cooling plant; Welding machine (powered other than by electricity)

GROUP 8-A: Elevator operator; Skidsteer loader - Bobcat 743 series or smaller, and similar (without attachments); Mini excavator under 25 H.P. (backhoe - trencher)

#### POWER EQUIPMENT OPERATOR CLASSIFICATIONS ALL CRANES AND ATTACHMENTS

GROUP 1: Clamshell and Dragline over 7 cu. yds.; Crane, over 100 tons; Derrick, over 100 tons; Derrick barge pedestal-mounted, over 100 tons; Self-propelled boom-type lifting device, over 100 tons

GROUP 2: Clamshell and Dragline over 1 cu. yd. up to and including 7 cu. yds.; Crane, over 45 tons up to and including 100 tons; Derrick barge, 100 tons and under; Self-propelled boom-type lifting device, over 45 tons; Tower crane

GROUP 3: Clamshell and Dragline up to and including 1 cu. yd.; Crane, 45 tons and under; Self-propelled boom-type lifting device, 45 tons and under; Truck-mounted rotating telescopic boom type lifting device, Manitex or similar (boom truck) - under 15 tons; Boom truck or dual purpose A-frame truck, non-rotating, over 15 tons

#### POWER EQUIPMENT OPERATORS - PILEDRIVER CLASSIFICATIONS

GROUP 1: Derrick barge pedestal mounted over 100 tons;  
Clamshell  
over 7 cu. yds.; Self-propelled boom-type lifting device over 100  
tons; Truck crane or crawler, land or barge mounted over 100 tons

GROUP 2: Derrick barge pedestal mounted 45 tons to and  
including  
100 tons; Clamshell up to and including 7 cu. yds.; Self-  
propelled boom-type lifting device over 45 tons; Truck crane or  
crawler, land or barge mounted, over 45 tons up to and including  
100 tons

GROUP 3: Derrick barge pedestal mounted under 45 tons; Self-  
propelled boom-type lifting device 45 tons and under; Skid/scow  
piledriver, any tonnage; Truck crane or crawler, land or barge  
mounted 45 tons and under

GROUP 4: Assistant operator in lieu of assistant to engineer;  
Forklift, 10 tons and over; Heavy-duty repairperson/welder

GROUP 5: Deck engineer

GROUP 6: Deckhand; Fire tender

#### POWER EQUIPMENT OPERATORS - STEEL ERECTOR CLASSIFICATIONS

GROUP 1: Crane over 100 tons; Derrick over 100 tons; Self-  
propelled boom-type lifting device over 100 tons

GROUP 2: Crane, over 45 tons up to and including 100 tons;  
Derrick, 100 tons & under; Self-propelled boom-type lifting  
device over 45 tons; Tower crane

GROUP 3: Crane, 45 tons and under; Self-propelled boom-type  
lifting device, 45 tons and under

GROUP 4: Chicago boom; Forklift, 10 tons and over; Heavy-duty  
repair person/welder

GROUP 5: Boom cat

-----  
ENGI0003G 06/16/2000

	Rates	Fringes
POWER EQUIPMENT OPERATORS:		
TUNNEL AND UNDERGROUND WORK:		

AREA 1:

UNDERGROUND:

GROUP 1-A	31.29	12.70
GROUP 1	28.82	12.70
GROUP 2	27.56	12.70
GROUP 3	27.23	12.70
GROUP 4	25.09	12.70
GROUP 5	23.95	12.70

SHAFTS, STOPES AND RAISES:

GROUP 1-A	31.39	12.70
GROUP 1	28.92	12.70
GROUP 2	27.66	12.70
GROUP 3	26.33	12.70
GROUP 4	25.19	12.70
GROUP 5	24.05	12.70

AREA 2:

UNDERGROUND:

GROUP 1-A	33.29	12.70
GROUP 1	30.82	12.70
GROUP 2	29.56	12.70
GROUP 3	28.23	12.70
GROUP 4	27.09	12.70
GROUP 5	25.95	12.70

SHAFTS, STOPES AND RAISES:

GROUP 1-A	33.39	12.70
GROUP 1	30.92	12.70
GROUP 2	29.66	12.70
GROUP 3	28.33	12.70
GROUP 4	27.19	12.70
GROUP 5	26.05	12.70

FOOTNOTE:

Work suspended by ropes or cables, or work on a Yo-Yo Cat: \$.60 per hour additional.

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1-A: Tunnel bore machine operator, 20' diameter or more

GROUP 1: Heading shield operator; Heavy-duty repairperson/welder; Mucking machine (rubber tired, rail or track type); Raised bore operator (tunnels); Tunnel mole bore operator

GROUP 2: Combination slusher and motor operator; Concrete pump or pumpcrete gun; Power jumbo operator

GROUP 3: Drill doctor; Mine or shaft hoist

GROUP 4: Combination slurry mixer cleaner; Grouting machine operator; Motor person

GROUP 5: Bit sharpener; Brake person; Combination mixer and compressor (guniting); Compressor operator; Oiler (assistant to engineer); Pump operator; Slusher operator

-----  
ENGI0004K 07/01/1999

Rates

Fringes

KINGS, MERCED, SAN BENITO, SAN JOAQUIN, SANTA CRUZ AND STANISLAUS COUNTIES:

BUILDING CONSTRUCTION:

POWER EQUIPMENT OPERATORS:

GROUP 1	30.40	12.79
GROUP 2	28.95	12.79
GROUP 3	27.55	12.79
GROUP 4	26.22	12.79
GROUP 5	25.01	12.79
GROUP 6	23.74	12.79
GROUP 7	22.65	12.79
GROUP 8	21.57	12.79
GROUP 8-A	19.45	12.79

POWER EQUIPMENT OPERATORS - ALL CRANES AND ATTACHMENTS:

GROUP 1	31.25	12.79
Truck crane oiler	24.59	12.79
Oiler	22.42	12.79
GROUP 2	29.56	12.79
Truck crane oiler	24.35	12.79
Oiler	22.20	12.79
GROUP 3	27.92	12.79
Truck crane oiler	24.11	12.79
Hydraulic	23.74	12.79
Oiler	21.95	12.79

POWER EQUIPMENT OPERATORS - PILEDRIVERS:

GROUP 1	31.56	12.79
Truck crane oiler	24.91	12.79
Oiler	22.74	12.79
GROUP 2	29.85	12.79
Truck crane oiler	24.68	12.79
Oiler	22.49	12.79
GROUP 3	28.24	12.79
Truck crane oiler	24.41	12.79
Oiler	22.26	12.79
GROUP 4	26.54	12.79
GROUP 5	24.04	12.79
GROUP 6	21.90	12.79

POWER EQUIPMENT OPERATORS - STEEL ERECTION:

GROUP 1	32.19	12.79
Truck crane oiler	25.20	12.79
Oiler	23.06	12.79
GROUP 2	30.48	12.79
Truck crane oiler	24.98	12.79
Oiler	22.81	12.79
GROUP 3	29.09	12.79
Truck crane oiler	24.73	12.79
Hydraulic	24.35	12.79
Oiler	22.58	12.79
GROUP 4	27.16	12.79
GROUP 5	25.91	12.79

HEAVY AND HIGHWAY CONSTRUCTION:

POWER EQUIPMENT OPERATORS:

GROUP 1	31.82	12.79
GROUP 2	30.29	12.79
GROUP 3	28.81	12.79
GROUP 4	27.43	12.79
GROUP 5	26.16	12.79
GROUP 6	24.84	12.79
GROUP 7	23.70	12.79
GROUP 8	22.56	12.79
GROUP 8-A	20.35	12.79

POWER EQUIPMENT OPERATORS - ALL CRANES AND ATTACHMENTS:

GROUP 1	32.70	12.79
Truck crane oiler	25.73	12.79
Oiler	23.44	12.79
GROUP 2	30.94	12.79
Truck crane oiler	25.47	12.79
Oiler	23.23	12.79



GROUP 3	29.20	12.79
Truck crane oiler	25.23	12.79
Hydraulic	24.84	12.79
Oiler	22.95	12.79

POWER EQUIPMENT OPERATORS - PILEDRIVERS:

GROUP 1	33.04	12.79
Truck crane oiler	26.06	12.79
Oiler	23.78	12.79
GROUP 2	31.22	12.79
Truck crane oiler	25.81	12.79
Oiler	23.51	12.79
GROUP 3	29.54	12.79
Truck crane oiler	25.52	12.79
Oiler	23.29	12.79
GROUP 4	27.77	12.79
GROUP 5	25.13	12.79
GROUP 6	22.90	12.79

POWER EQUIPMENT OPERATORS - STEEL ERECTORS:

GROUP 1	33.67	12.79
Truck crane oiler	26.35	12.79
Oiler	24.12	12.79
GROUP 2	31.90	12.79
Truck crane oiler	26.13	12.79
Oiler	23.85	12.79
GROUP 3	30.42	12.79
Truck crane oiler	25.86	12.79
Hydraulic	25.47	12.79
Oiler	23.63	12.79
GROUP 4	28.40	12.79
GROUP 5	27.10	12.79

FOOTNOTE:

Work suspended by ropes or cables, or work on a Yo-Yo Cat: \$.60 per hour additional.

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Operator of helicopter (when used in erection work); Hydraulic excavator, 7 cu. yds. and over; Power shovels, over 7 cu. yds.

GROUP 2: Highline cableway; Hydraulic excavator, 3-1/2 cu. yds. up to 7 cu. yds.; Power blade operator (finish); Power shovels, over 1 cu. yd. up to and including 7 cu. yds. m.r.c.

GROUP 3: Asphalt milling machine; Cable backhoe; Combination backhoe and loader over 3/4 cu. yds.; Continuous flight tie back machine; Crane mounted continuous flight tie back machine; Crane mounted drill attachment, tonnage to apply; Dozer, slope brd; Gradall; Hydraulic excavator, up to 3 1/2 cu. yds.; Loader 4 cu. yds. and over; Multiple engine scraper (when used as push pull); Power shovels, up to and including 1 cu. yd.; Pre-stress wire wrapping machine; Side boom cat, 572 or larger; Track loader 4 cu. yds. and over; Wheel excavator (up to and including 750 cu. yds. per hour)

GROUP 4: Asphalt plant engineer/box person; Chicago boom; Combination backhoe and loader up to and including 3/4 cu. yd.; Concrete batch plant (wet or dry); Dozer and/or push cat; Pull-

type elevating loader; Gradesetter, grade checker (mechanical or otherwise); Grooving and grinding machine; Heading shield operator; Heavy-duty drilling equipment, Hughes, LDH, Watson 3000 or similar; Heavy-duty repairperson and/or welder; Lime spreader; Loader under 4 cu. yds.; Lubrication and service engineer (mobile and grease rack); Mechanical finishers or spreader machine (asphalt, Barber-Greene and similar); Miller Formless M-9000 slope paver or similar; Portable crushing and screening plants; Power blade support; Roller operator, asphalt; Rubber-tired scraper, self-loading (paddle-wheels, etc.); Rubber-tired earthmoving equipment (scrapers); Slip form paver (concrete); Small tractor with drag; Soil stabilizer (P & H or equal); Timber skidder; Track loader up to 4 yds.; Tractor-drawn scraper; Tractor, compressor drill combination; Welder; Woods-Mixer (and other similar Pugmill equipment)

GROUP 5: Cast-in-place pipe laying machine; Combination slusher and motor operator; Concrete conveyor or concrete pump, truck or equipment mounted; Concrete conveyor, building site; Concrete pump or pumpcrete gun; Drilling equipment, Watson 2000, Texoma 700 or similar; Drilling and boring machinery, horizontal (not to apply to waterliners, wagon drills or jackhammers); Concrete mixer/all; Person and/or material hoist; Mechanical finishers (concrete) (Clary, Johnson, Bidwell Bridge Deck or similar types); Mechanical burm, curb and/or curb and gutter machine, concrete or asphalt; Mine or shaft hoist; Portable crusher; Power jumbo operator (setting slip-forms, etc., in tunnels); Screed (automatic or manual); Self-propelled compactor with dozer; Tractor with boom D6 or smaller; Trenching machine, maximum digging capacity over 5 ft. depth; Vermeer T-600B rock cutter or similar

GROUP 6: Armor-Coater (or similar); Ballast jack tamper; Boom-type backfilling machine; Assistant plant engineer; Bridge and/or gantry crane; Chemical grouting machine, truck-mounted; Chip spreading machine operator; Concrete saw (self-propelled unit on streets, highways, airports and canals); Deck engineer; Drilling equipment Texoma 600, Hughes 200 Series or similar up to and including 30 ft. m.r.c.; Drill doctor; Helicopter radio operator;

Hydro-hammer or similar; Line master; Skidsteer loader, Bobcat larger than 743 series or similar (with attachments); Locomotive; Lull hi-lift or similar; Oiler, truck mounted equipment; Pavement breaker, truck-mounted, with compressor combination; Paving fabric installation and/or laying machine; Pipe bending machine (pipelines only); Pipe wrapping machine (tractor propelled and supported); Screed (except asphaltic concrete paving); Self-propelled pipeline wrapping machine; Soils & materials tester; Tractor

GROUP 7: Ballast regulator; Boom truck or dual-purpose A-frame truck, non-rotating - under 15 tons; Truck-mounted rotating telescopic boom type lifting device, Manitex or similar (boom truck) - under 15 tons; Cary lift or similar; Combination slurry mixer and/or cleaner; Drilling equipment, 20 ft. and under m.r.c.; Firetender (hot plant); Grouting machine operator; Highline cableway signalperson; Stationary belt loader (Kolman or similar); Lift slab machine (Vagtborg and similar types); Maginnes internal full slab vibrator; Material hoist (1 drum); Mechanical trench shield; Pavement breaker with or without compressor combination; Pipe cleaning machine (tractor propelled and supported); Post driver; Roller (except asphalt); Chip Seal;

Self-propelled automatically applied concrete curing machine (on streets, highways, airports and canals); Self-propelled compactor (without dozer); Signalperson; Slip-form pumps (lifting device for concrete forms); Tie spacer; Tower mobile; Trenching machine, maximum digging capacity up to and including 5 ft. depth; Truck-type loader

GROUP 8: Bit sharpener; Boiler tender; Box operator; Brakeperson; Combination mixer and compressor (shotcrete/gunite); Compressor operator; Deckhand; Fire tender; Forklift (under 20 ft.); Generator; Gunite/shotcrete equipment operator; Hydraulic monitor; Ken seal machine (or similar); Mixermobile; Oiler; Pump operator; Refrigeration plant; Reservoir-debris tug (self-propelled floating); Ross Carrier (construction site); Rotomist operator; Self-propelled tape machine; Shuttlecar; Self-propelled power sweeper operator; Slusher operator; Surface heater; Switchperson; Tar pot firetender; Tugger hoist, single drum; Vacuum cooling plant; Welding machine (powered other than by electricity)

GROUP 8-A: Elevator operator; Skidsteer loader - Bobcat 743 series or smaller, and similar (without attachments); Mini excavator under 25 H.P. (backhoe - trencher)

#### POWER EQUIPMENT OPERATOR CLASSIFICATIONS ALL CRANES AND ATTACHMENTS

GROUP 1: Clamshell and dragline over 7 cu. yds.; Crane, over 100 tons; Derrick, over 100 tons; Derrick barge pedestal-mounted, over 100 tons; Self-propelled boom-type lifting device, over 100 tons

GROUP 2: Clamshell and dragline over 1 cu. yd. up to and including 7 cu. yds.; Crane, over 45 tons up to and including 100 tons; Derrick barge, 100 tons and under; Self-propelled boom-type lifting device, over 45 tons; Tower crane

GROUP 3: Clamshell and dragline up to and including 1 cu. yd.; Crane, 45 tons and under; Self-propelled boom-type lifting device, 45 tons and under; Truck-mounted rotating telescopic boom type lifting device, Manitex or similar (boom truck) - under 15 tons; Boom truck or dual purpose A-frame truck, non-rotating, over 15 tons

#### POWER EQUIPMENT OPERATORS - PILEDRIVERS

GROUP 1: Derrick barge pedestal mounted over 100 tons; Clamshell over 7 cu. yds.; Self-propelled boom-type lifting device over 100 tons; Truck crane or crawler, land or barge mounted over 100 tons

GROUP 2: Derrick barge pedestal mounted 45 tons to and including 100 tons; Clamshell up to and including 7 cu. yds.; Self-propelled boom-type lifting device over 45 tons; Truck crane or crawler, land or barge mounted, over 45 tons up to and including 100 tons

GROUP 3: Derrick barge pedestal mounted under 45 tons; Self-propelled boom-type lifting device 45 tons and under; Skid/scow piledriver, any tonnage; Truck crane or crawler, land or barge mounted 45 tons and under

GROUP 4: Assistant operator in lieu of assistant to engineer;  
Forklift, 10 tons and over; Heavy-duty repairperson/welder

GROUP 5: Deck engineer

GROUP 6: Deckhand; Fire tender

POWER EQUIPMENT OPERATORS - STEEL ERECTORS

GROUP 1: Crane over 100 tons; Derrick over 100 tons; Self-propelled boom-type lifting device over 100 tons

GROUP 2: Crane over 45 tons to 100 tons; Derrick under 100 tons; Self-propelled boom-type lifting device over 45 tons to 100 tons; Tower crane

GROUP 3: Crane, 45 tons and under; Self-propelled boom-type lifting device, 45 tons and under

GROUP 4: Chicago boom; Forklift, 10 tons and over; Heavy-duty repair person/welder

GROUP 5: Boom cat

-----  
ENGI0004L 07/01/1999

Rates Fringes  
CALAVERAS, FRESNO, MADERA, MARIPOSA, MONTEREY AND TUOLUMNE  
COUNTIES:

BUILDING CONSTRUCTION:

POWER EQUIPMENT OPERATORS:

AREA 1:		
GROUP 1	30.40	12.79
GROUP 2	28.95	12.79
GROUP 3	27.55	12.79
GROUP 4	26.22	12.79
GROUP 5	25.01	12.79
GROUP 6	23.74	12.79
GROUP 7	22.65	12.79
GROUP 8	21.57	12.79
GROUP 8-A	19.45	12.79

AREA 2:		
GROUP 1	32.40	12.79
GROUP 2	30.95	12.79
GROUP 3	29.55	12.79
GROUP 4	28.22	12.79
GROUP 5	27.01	12.79
GROUP 6	25.74	12.79
GROUP 7	24.65	12.79
GROUP 8	23.57	12.79
GROUP 8-A	21.45	12.79

POWER EQUIPMENT OPERATORS - ALL CRANES AND ATTACHMENTS:

AREA 1:		
GROUP 1	31.25	12.79
Truck crane oiler	24.59	12.79
Oiler	22.42	12.79
GROUP 2	29.56	12.79
Truck crane oiler	24.35	12.79

Oiler	22.20	12.79
GROUP 3	27.92	12.79
Truck crane oiler	24.11	12.79
Hydraulic	23.74	12.79
Oiler	21.95	12.79

AREA 2:

GROUP 1	33.25	12.79
Truck crane oiler	26.59	12.79
Oiler	24.42	12.79
GROUP 2	31.56	12.79
Truck crane oiler	26.35	12.79

Oiler	24.20	12.79
GROUP 3	29.92	12.79
Truck crane oiler	26.11	12.79
Hydraulic	25.74	12.79
Oiler	23.95	12.79

POWER EQUIPMENT OPERATORS - PILEDRIVERS:

GROUP 1	31.56	12.79
Truck crane oiler	24.91	12.79
Oiler	22.74	12.79
GROUP 2	29.85	12.79
Truck crane oiler	24.68	12.79
Oiler	22.49	12.79
GROUP 3	28.24	12.79
Truck crane oiler	24.41	12.79
Oiler	22.26	12.79
GROUP 4	26.54	12.79
GROUP 5	24.04	12.79
GROUP 6	21.90	12.79

POWER EQUIPMENT OPERATORS - STEEL ERECTION:

GROUP 1	32.19	12.79
Truck crane oiler	25.20	12.79
Oiler	23.06	12.79
GROUP 2	30.48	12.79
Truck crane oiler	24.98	12.79
Oiler	22.81	12.79
GROUP 3	29.09	12.79
Truck crane oiler	24.73	12.79
Hydraulic	24.35	12.79
Oiler	22.58	12.79
GROUP 4	27.16	12.79
GROUP 5	25.91	12.79

HEAVY AND HIGHWAY CONSTRUCTION:

POWER EQUIPMENT OPERATORS:

AREA 1:

GROUP 1	31.82	12.79
GROUP 2	30.29	12.79
GROUP 3	28.81	12.79
GROUP 4	27.43	12.79
GROUP 5	26.16	12.79
GROUP 6	24.84	12.79
GROUP 7	23.70	12.79
GROUP 8	22.56	12.79
GROUP 8-A	20.35	12.79

AREA 2:		
GROUP 1	33.82	12.79
GROUP 2	32.29	12.79
GROUP 3	30.81	12.79
GROUP 4	29.43	12.79
GROUP 5	28.16	12.79
GROUP 6	26.84	12.79
GROUP 7	25.70	12.79
GROUP 8	24.56	12.79
GROUP 8-A	22.35	12.79

POWER EQUIPMENT OPERATORS - ALL CRANES AND ATTACHMENTS:

AREA 1:		
GROUP 1	32.70	12.79
Truck crane oiler	25.73	12.79
Oiler	23.44	12.79
GROUP 2	30.94	12.79
Truck crane oiler	25.47	12.79
Oiler	23.23	12.79
GROUP 3	29.20	12.79
Truck crane oiler	25.23	12.79
Hydraulic	24.84	12.79
Oiler	22.95	12.79

AREA 2:		
GROUP 1	34.70	12.79
Truck crane oiler	27.73	12.79
Oiler	25.44	12.79
GROUP 2	32.94	12.79
Truck crane oiler	27.47	12.79
Oiler	25.23	12.79
GROUP 3	31.20	12.79
Truck crane oiler	27.23	12.79
Hydraulic	26.84	12.79
Oiler	24.95	12.79

POWER EQUIPMENT OPERATORS - PILEDRIVERS:

GROUP 1	33.04	12.79
Truck crane oiler	26.06	12.79
Oiler	23.78	12.79
GROUP 2	31.22	12.79
Truck crane oiler	25.81	12.79
Oiler	23.51	12.79
GROUP 3	29.54	12.79
Truck crane oiler	25.52	12.79
Oiler	23.29	12.79
GROUP 4	27.77	12.79
GROUP 5	25.13	12.79
GROUP 6	22.90	12.79

POWER EQUIPMENT OPERATORS - STEEL ERECTORS:

GROUP 1	33.67	12.79
Truck crane oiler	26.35	12.79
Oiler	24.12	12.79
GROUP 2	31.90	12.79
Truck crane oiler	26.13	12.79
Oiler	23.85	12.79
GROUP 3	30.42	12.79
Truck crane oiler	25.86	12.79
Hydraulic	25.47	12.79
Oiler	23.63	12.79

GROUP 4	28.40	12.79
GROUP 5	27.10	12.79

FOOTNOTE:

Work suspended by ropes or cables, or work on a Yo-Yo Cat: \$.60 per hour additional.

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Operator of helicopter (when used in erection work); Hydraulic excavator, 7 cu. yds. and over; Power shovels, over 7 cu. yds.

GROUP 2: Highline cableway; Hydraulic excavator, 3-1/2 cu. yds. up to 7 cu. yds.; Power blade operator (finish); Power shovels, over 1 cu. yd. up to and including 7 cu. yds. m.r.c.

GROUP 3: Asphalt milling machine; Cable backhoe; Combination backhoe and loader over 3/4 cu. yds.; Continuous flight tie back machine; Crane mounted continuous flight tie back machine; Crane mounted drill attachment, tonnage to apply; Dozer, slope brd; Gradall; Hydraulic excavator, up to 3 1/2 cu. yds.; Loader 4 cu. yds. and over; Multiple engine scraper (when used as push pull); Power shovels, up to and including 1 cu. yd.; Pre-stress wire wrapping machine; Side boom cat, 572 or larger; Track loader 4 cu. yds. and over; Wheel excavator (up to and including 750 cu. yds. per hour)

GROUP 4: Asphalt plant engineer/box person; Chicago boom; Combination backhoe and loader up to and including 3/4 cu. yd.; Concrete batch plant (wet or dry); Dozer and/or push cat; Pull-type elevating loader; Gradesetter, grade checker (mechanical or otherwise); Grooving and grinding machine; Heading shield operator; Heavy-duty drilling equipment, Hughes, LDH, Watson 3000 or similar; Heavy-duty repairperson and/or welder; Lime spreader; Loader under 4 cu. yds.; Lubrication and service engineer (mobile and grease rack); Mechanical finishers or spreader machine (asphalt, Barber-Greene and similar); Miller Formless M-9000 slope paver or similar; Portable crushing and screening plants; Power blade support; Roller operator, asphalt; Rubber-tired scraper, self-loading (paddle-wheels, etc.); Rubber-tired earthmoving equipment (scrapers); Slip form paver (concrete); Small tractor with drag; Soil stabilizer (P & H or equal); Timber skidder; Track loader up to 4 yds.; Tractor-drawn scraper; Tractor, compressor drill combination; Welder; Woods-Mixer (and other similar Pugmill equipment)

GROUP 5: Cast-in-place pipe laying machine; Combination slusher and motor operator; Concrete conveyor or concrete pump, truck or equipment mounted; Concrete conveyor, building site; Concrete pump or pumpcrete gun; Drilling equipment, Watson 2000, Texoma 700 or similar; Drilling and boring machinery, horizontal (not to apply to waterliners, wagon drills or jackhammers); Concrete mixer/all; Person and/or material hoist; Mechanical finishers (concrete) (Clary, Johnson, Bidwell Bridge Deck or similar types); Mechanical burm, curb and/or curb and gutter machine, concrete or asphalt; Mine or shaft hoist; Portable crusher; Power jumbo operator (setting slip-forms, etc., in tunnels); Screed (automatic or manual); Self-propelled compactor with dozer; Tractor with boom D6 or smaller; Trenching machine, maximum digging capacity over 5 ft. depth; Vermeer T-600B rock

cutter or similar

GROUP 6: Armor-Coater (or similar); Ballast jack tamper; Boom-type backfilling machine; Assistant plant engineer; Bridge and/or gantry crane; Chemical grouting machine, truck-mounted; Chip spreading machine operator; Concrete saw (self-propelled unit on streets, highways, airports and canals); Deck engineer; Drilling equipment Texoma 600, Hughes 200 Series or similar up to and including 30 ft. m.r.c.; Drill doctor; Helicopter radio operator; Hydro-hammer or similar; Line master; Skidsteer loader, Bobcat larger than 743 series or similar (with attachments); Locomotive; Lull hi-lift or similar; Oiler, truck mounted equipment; Pavement breaker, truck-mounted, with compressor combination; Paving fabric installation and/or laying machine; Pipe bending machine (pipelines only); Pipe wrapping machine (tractor propelled and supported); Screed (except asphaltic concrete paving); Self-propelled pipeline wrapping machine; Soils & materials tester; Tractor

GROUP 7: Ballast regulator; Boom truck or dual-purpose A-frame truck, non-rotating - under 15 tons; Truck-mounted rotating telescopic boom type lifting device, Manitex or similar (boom truck) - under 15 tons; Cary lift or similar; Combination slurry mixer and/or cleaner; Drilling equipment, 20 ft. and under m.r.c.; Firetender (hot plant); Grouting machine operator; Highline cableway signalperson; Stationary belt loader (Kolman or similar); Lift slab machine (Vagtborg and similar types); Maginnes internal full slab vibrator; Material hoist (1 drum); Mechanical trench shield; Pavement breaker with or without compressor combination; Pipe cleaning machine (tractor propelled and supported); Post driver; Roller (except asphalt); Chip Seal; Self-propelled automatically applied concrete curing machine (on streets, highways, airports and canals); Self-propelled compactor (without dozer); Signalperson; Slip-form pumps (lifting device for concrete forms); Tie spacer; Tower mobile; Trenching machine, maximum digging capacity up to and including 5 ft. depth; Truck-type loader

GROUP 8: Bit sharpener; Boiler tender; Box operator; Brakeperson; Combination mixer and compressor (shotcrete/gunite); Compressor operator; Deckhand; Fire tender; Forklift (under 20

ft.); Generator; Guniting/shotcrete equipment operator; Hydraulic monitor; Ken seal machine (or similar); Mixermobile; Oiler; Pump operator; Refrigeration plant; Reservoir-debris tug (self-propelled floating); Ross Carrier (construction site); Rotomist operator; Self-propelled tape machine; Shuttlecar; Self-propelled power sweeper operator; Slusher operator; Surface heater; Switchperson; Tar pot firetender; Tugger hoist, single drum; Vacuum cooling plant; Welding machine (powered other than by electricity)

GROUP 8-A: Elevator operator; Skidsteer loader - Bobcat 743 series or smaller, and similar (without attachments); Mini excavator under 25 H.P. (backhoe - trencher)

#### POWER EQUIPMENT OPERATOR CLASSIFICATIONS

##### ALL CRANES AND ATTACHMENTS

GROUP 1: Clamshell and dragline over 7 cu. yds.; Crane, over 100 tons; Derrick, over 100 tons; Derrick barge pedestal-mounted, over 100 tons; Self-propelled boom-type lifting device, over 100 tons

GROUP 2: Clamshell and dragline over 1 cu. yd. up to and



including 7 cu. yds.; Crane, over 45 tons up to and including 100 tons; Derrick barge, 100 tons and under; Self-propelled boom-type lifting device, over 45 tons; Tower crane

GROUP 3: Clamshell and dragline up to and including 1 cu. yd.; Crane, 45 tons and under; Self-propelled boom-type lifting device, 45 tons and under; Truck-mounted rotating telescopic boom type lifting device, Manitex or similar (boom truck) - under 15 tons; Boom truck or dual purpose A-frame truck, non-rotating, over 15 tons

#### POWER EQUIPMENT OPERATORS - PILEDRIVERS

GROUP 1: Derrick barge pedestal mounted over 100 tons; Clamshell over 7 cu. yds.; Self-propelled boom-type lifting device over 100 tons; Truck crane or crawler, land or barge mounted over 100 tons

GROUP 2: Derrick barge pedestal mounted 45 tons to and including 100 tons; Clamshell up to and including 7 cu. yds.; Self-propelled boom-type lifting device over 45 tons; Truck crane or crawler, land or barge mounted, over 45 tons up to and including 100 tons

GROUP 3: Derrick barge pedestal mounted under 45 tons; Self-propelled boom-type lifting device 45 tons and under; Skid/scow piledriver, any tonnage; Truck crane or crawler, land or barge mounted 45 tons and under

GROUP 4: Assistant operator in lieu of assistant to engineer; Forklift, 10 tons and over; Heavy-duty repairperson/welder

GROUP 5: Deck engineer

GROUP 6: Deckhand; Fire tender

#### POWER EQUIPMENT OPERATORS - STEEL ERECTORS

GROUP 1: Crane over 100 tons; Derrick over 100 tons; Self-propelled boom-type lifting device over 100 tons

GROUP 2: Crane over 45 tons to 100 tons; Derrick under 100 tons; Self-propelled boom-type lifting device over 45 tons to 100 tons; Tower crane

GROUP 3: Crane, 45 tons and under; Self-propelled boom-type lifting device, 45 tons and under

GROUP 4: Chicago boom; Forklift, 10 tons and over; Heavy-duty repair person/welder

GROUP 5: Boom cat

-----

IRON0001U 07/01/2000

	Rates	Fringes
ALAMEDA, CALAVERAS, CONTRA COSTA, FRESNO, KINGS, MADERA, MARIPOSA, MERCED, SAN BENITO, SAN FRANCISCO, SAN JOAQUIN, SAN MATEO, SANTA CLARA, SANTA CRUZ, STANISLAUS AND TUOLUMNE COUNTIES:		

#### IRONWORKERS:

Fence erector	23.94	14.375
Ornamental, reinforcing and structural	24.83	14.375

FOOTNOTE:

CITY OF SAN FRANCISCO (defined as the city limits of San Francisco (as described by the San Francisco County Recorder's Office as of July 1, 1998), the Golden Gate Bridge in its entirety, and the west side of the San Francisco Bay Bridge up to and including Treasure Island):

Congestion zone fee: \$8.00 per day.

-----

IRON0001V 07/01/2000

	Rates	Fringes
MONTEREY COUNTY:		
IRONWORKERS:		
Fence erector	23.94	14.375
Ornamental, reinforcing and structural	24.83	14.375

FOOTNOTE:

Work at the Army Defense Language Institute, and the Naval Post Graduate School: \$2.00 per hour additional.

-----

LABO0036A 07/01/1999

	Rates	Fringes
SAN FRANCISCO AND SAN MATEO COUNTIES:		
BRICK TENDER	19.84	7.57

FOOTNOTES:

Underground work such as sewers, manholes, catch basins, sewer pipes, telephone conduits, tunnels and cut trenches: \$5.00 per day additional.

Work in live sewage: \$2.50 per day additional.

-----

LABO0036B 07/01/1999

	Rates	Fringes
SAN FRANCISCO AND SAN MATEO COUNTIES:		
PLASTERER TENDER	19.87	7.66

FOOTNOTES:

Work on a suspended scaffold: \$5.00 per day additional.

Work operating a plaster mixer pump gun: \$1.00 per hour additional.

-----

LABO0067B 12/01/1998

	Rates	Fringes
ALAMEDA, CONTRA COSTA, SAN FRANCISCO, SAN MATEO, AND SANTA CLARA COUNTIES:		

ASBESTOS REMOVAL LABORER	12.17	4.13
--------------------------	-------	------

CALAVERAS, FRESNO, KINGS, MADERA, MARIPOSA, MERCED, MONTEREY, SAN BENITO, SAN JOAQUIN, SANTA CRUZ, STANISLAUS, AND TUOLUMNE COUNTIES:

ASBESTOS REMOVAL LABORER	10.58	4.13
--------------------------	-------	------

SCOPE OF WORK:

Covers site mobilization; initial site clean-up; site preparation; removal of asbestos-containing materials from walls and ceilings; or from pipes, boilers and mechanical systems only if they are being scrapped; encapsulation, enclosure and disposal of asbestos-containing materials by hand or with equipment or machinery; scaffolding; fabrication of temporary wooden barriers; and assembly of decontamination stations.

-----

LABO0067H 06/26/2000

ALAMEDA, CONTRA COSTA, SAN FRANCISCO, SAN MATEO AND SANTA CLARA  
COUNTIES:

LABORERS:

	Rates	Fringes
Construction specialist group	22.86	7.55
Group 1	22.16	7.55
Group 1-a	22.38	7.55
GROUP 1-b: see note below		
GROUP 1-c	22.21	7.55
GROUP 1-d: see note below		
GROUP 1-e	22.71	7.55
GROUP 1-f	22.74	7.55
GROUP 1-g (Contra Costa County)	22.36	7.55
GROUP 2	22.01	7.55
GROUP 3	21.91	7.55
GROUP 4	15.60	7.55

See groups 1-b and 1-d under laborer classifications.

GUNITE LABORERS:

GROUP 1	23.12	7.55
GROUP 2	22.62	7.55
GROUP 3	22.03	7.55
GROUP 4	21.91	7.55

WRECKING WORK:

GROUP 1	22.16	7.55
GROUP 2	22.01	7.55
GROUP 3	15.60	7.55

GARDENERS, HORTICULTURAL AND LANDSCAPE

LABORERS:

New construction	21.91	7.55
Establishment warranty period	15.60	7.55

TUNNEL AND SHAFT LABORERS:

GROUP 1	26.52	7.55
GROUP 2	26.29	7.55
GROUP 3	26.04	7.55
GROUP 4	25.77	7.55
GROUP 5	25.59	7.55
GROUP 6	25.05	7.55

FOOTNOTES:

Laborers working off or with or from bos'n chairs, swinging scaffolds, belts shall receive \$0.25 per hour above the applicable wage rate. This shall not apply to workers entitled to receive the wage rate set forth in Group 1-a below.

## LABORER CLASSIFICATIONS

CONSTRUCTION SPECIALIST GROUP: Asphalt ironer and raker; Chainsaw; Laser beam in connection with laborers' work; Masonry and plasterer tender; Cast-in-place manhole form setter; Pressure pipelayer; Davis trencher - 300 or similar type (and all small trenchers); Blaster; Diamond driller; Multiple unit drill; Hydraulic drill

GROUP 1: Asphalt spreader boxes (all types); Barko, Wacker and similar type tampers; Buggymobile; Caulker, bander, pipewrapper, conduit layer, plastic pipelayer; Certified hazardous waste worker; Compactors of all types; Concrete and magnesite mixer, 1/2 yd. and under; Concrete pan work; Concrete sander; Concrete saw; Cribber and/or shoring; Cut granite curb setter; Dri-pak-it machine; Faller, logloader and buckler; Form raiser, slip forms; Green cutter; Headerboard, Hubsetter, aligner, by any method; High pressure blow pipe (1-1/2" or over, 100 lbs. pressure/over); Hydro seeder and similar type; Jackhammer operator; Jacking of pipe over 12 inches; Jackson and similar type compactor; Kettle tender, pot and worker applying asphalt, lay-kold, creosote, lime, caustic and similar type materials (applying means applying, dipping or handling of such materials); Lagging, sheeting, whaling, bracing, trenchjacking, lagging hammer; Magnesite, epoxyresin, fiberglass, mastic worker (wet or dry); No joint pipe and stripping of same, including repair of voids; Pavement breaker and spader, including tool grinder; Perma curb; Pipelayer (including grade checking in connection with pipelaying); Precast-manhole setter; Pressure pipe tester; Post hole digger, air, gas and electric; Power broom sweeper; Power tampers of all types (except as shown in Group 2); Ram set gun and stud gun; Riprap stonepaver and rock-slinger, including placing of sacked concrete and/or sand (wet or dry) and gabions and similar type; Rotary scarifier or multiple head concrete chipping scarifier; Roto and Ditch Witch; Rototiller; Sandblaster, pot, gun, nozzle operators; Signalling and rigging; Tank cleaner; Tree climber; Turbo blaster; Vibrascreed, bull float in connection with laborers' work; Vibrator; Hazardous waste worker (lead removal); Asbestos and mold removal worker

GROUP 1-a: Joy drill model TWM-2A; Gardner-Denver model DH143 and similar type drills; Track driller; Jack leg driller; Wagon driller; Mechanical drillers, all types regardless of type or method of power; Mechanical pipe layers, all types regardless of type or method of power; Blaster and powder; All work of loading, placing and blasting of all powder and explosives of whatever type regardless of method used for such loading and placing; High scalers (including drilling of same); Tree topper; Bit grinder

GROUP 1-b: Sewer cleaners shall receive \$4.00 per day above Group 1 wage rates. "Sewer cleaner" means any worker who handles or comes in contact with raw sewage in small diameter sewers. Those who work inside recently active, large diameter sewers, and all recently active sewer manholes shall receive \$5.00 per day above

Group 1 wage rates.

GROUP 1-c: Burning and welding in connection with laborers' work; Synthetic thermoplastics and similar type welding

GROUP 1-d: Maintenance and repair track and road beds. All

employees performing work covered herein shall receive \$ .25 per hour above their regular rate for all work performed on underground structures not specifically covered herein. This paragraph shall not be construed to apply to work below ground level in open cut. It shall apply to cut and cover work of subway construction after the temporary cover has been placed.

GROUP 1-e: Work on and/or in bell hole footings and shafts thereof, and work on and in deep footings. (A deep footing is a hole 15 feet or more in depth.) In the event the depth of the footing is unknown at the commencement of excavation, and the final depth exceeds 15 feet, the deep footing wage rate would apply to all employees for each and every day worked on or in the excavation of the footing from the date of inception.

GROUP 1-f: Wire winding machine in connection with guniting or shot crete

GROUP 1-g, CONTRA COSTA COUNTY: Pipelayer (including grade checking in connection with pipelaying); Caulker; Bander; Pipewrapper; Conduit layer; Plastic pipe layer; Pressure pipe tester; No joint pipe and stripping of same, including repair of voids; Precast manhole setters, cast in place manhole form setters

GROUP 2: Asphalt shoveler; Cement dumper and handling dry cement or gypsum; Choke-setter and rigger (clearing work); Concrete bucket dumper and chute; Concrete chipping and grinding; Concrete laborer (wet or dry); Driller tender, chuck tender, nipper; Guinea chaser (stake), grout crew; High pressure nozzle, adductor; Hydraulic monitor (over 100 lbs. pressure); Loading and unloading, carrying and hauling of all rods and materials for use in reinforcing concrete construction; Pittsburgh chipper and similar type brush shredders; Sloper; Single foot, hand-held, pneumatic tamper; All pneumatic, air, gas and electric tools not listed in Groups 1 through 1-f; Jacking of pipe - under 12 inches

GROUP 3: Construction laborers, including bridge and general laborer; Dump, load spotter; Flag person; Fire watcher; Fence erector; Guardrail erector; Gardener, horticultural and landscape laborer; Jetting; Limber, brush loader and piler; Pavement marker (button setter); Maintenance, repair track and road beds; Streetcar and railroad construction track laborer; Temporary air and water lines, Victaulic or similar; Tool room attendant (jobsite only)

GROUP 4: All clean-up work of debris, grounds and building including but not limited to: street cleaner; cleaning and washing windows; brick cleaner (jobsite only); material cleaner (jobsite only). The classification "material cleaner" is to be

utilized under the following conditions:

A: at demolition site for the salvage of the material.

B: at the conclusion of a job where the material is to be salvaged and stocked to be reused on another job.

C: for the cleaning of salvage material at the jobsite or temporary jobsite yard.

The material cleaner classification should not be used in the performance of "form stripping, cleaning and oiling and moving to the next point of erection".

GUNITE LABORER CLASSIFICATIONS

GROUP 1: Structural nozzle operator

GROUP 2: Nozzle operator (including gun, pot); Ground person

GROUP 3: Rebound

GROUP 4: Guniting laborer

WRECKING WORK LABORER CLASSIFICATIONS

GROUP 1: Skilled wrecker (removing and salvaging of sash, windows and materials)

GROUP 2: Semi-skilled wrecker (salvaging of other building materials)

GROUP 3: General laborer (includes all clean-up work, loading lumber, loading and burning of debris)

TUNNEL AND SHAFT LABORER CLASSIFICATIONS

GROUP 1: Diamond driller; Ground person; Guniting and shotcrete nozzle operator

GROUP 2: Rod person; Shaft work & raise (below actual or excavated ground level)

GROUP 3: Bit grinder; Blaster, driller, powder person - heading; Cherry picker operator - where car is lifted; Concrete finisher in tunnel; Concrete screed person; Grout pump operator and pot person; Guniting & shotcrete gun person & pot person; Header person; High pressure nozzle operator; Miner - tunnel, including top and bottom person on shaft and raise work; Nipper; Nozzle operator on slick line; Sandblaster - pot person

GROUP 4: Steel form raiser and setter; Timber person, retimber person (wood or steel or substitute materials therefore); Tugger (for tunnel laborer work); Cable tender; Chuck tender; Powder person - primer house

GROUP 5: Vibrator operator, pavement breaker; Bull gang - muckers, track person; Concrete crew - includes rodding and spreading

GROUP 6: Dump person (any method); Grout crew; Rebound person; Swamper

LABO0067J 06/26/2000

CALAVERAS, FRESNO, KINGS, MADERA, MARIPOSA, MERCED, MONTEREY, SAN BENITO, SAN JOAQUIN, SANTA CRUZ, STANISLAUS AND TUOLUMNE COUNTIES:

LABORERS:

	Rates	Fringes
Construction specialist group	21.86	7.55
GROUP 1	21.16	7.55
GROUP 1-a	21.38	7.55
GROUP 1-b: see note below		
GROUP 1-c	21.21	7.55
GROUP 1-d: see note below		
GROUP 1-e	21.71	7.55
GROUP 1-f	21.74	7.55
GROUP 2	21.01	7.55

GROUP 3	20.90	7.55
GROUP 4	14.60	7.55

See groups 1-b and 1-d under laborer classifications.

GUNITE LABORERS:

GROUP 1	21.62	7.55
GROUP 2	21.62	7.55
GROUP 3	21.03	7.55
GROUP 4	20.91	7.55

WRECKING WORK:

GROUP 1	21.16	7.55
GROUP 2	21.01	7.55
GROUP 3	14.60	7.55

GARDENERS, HORTICULTURAL AND LANDSCAPE

LABORERS:

New construction	20.90	7.55
Establishment warranty period	14.60	7.55

TUNNEL AND SHAFT LABORERS:

GROUP 1	26.52	7.55
GROUP 2	26.29	7.55
GROUP 3	26.04	7.55
GROUP 4	25.77	7.55
GROUP 5	25.59	7.55
GROUP 6	20.05	7.55

FOOTNOTE:

Laborers working off or with or from bos'n chairs, swinging

scaffolds, belts (not applicable to workers entitled to receive the wage rate set forth in Group 1-a): \$0.25 per hour additional.

LABORER CLASSIFICATIONS

CONSTRUCTION SPECIALIST GROUP: Asphalt ironer and raker; Chainsaw; Laser beam in connection with laborers' work; Masonry and plasterer tender; Cast-in-place manhole form setter; Pressure pipelayer; Davis trencher - 300 or similar type (and all small trenchers); Blaster; Diamond driller; Multiple unit drill; Hydraulic drill

GROUP 1: Asphalt spreader boxes (all types); Barko, Wacker and similar type tampers; Buggymobile; Caulker, bander, pipewrapper, conduit layer, plastic pipelayer; Certified hazardous waste worker; Compactors of all types; Concrete and magnesite mixer, 1/2 yd. and under; Concrete pan work; Concrete sander; Concrete saw; Cribber and/or shoring; Cut granite curb setter; Dri-pak-it machine; Faller, logloader and buckler; Form raiser, slip forms; Green cutter; Headerboard, Hubsetter, aligner, by any method; High pressure blow pipe (1-1/2" or over, 100 lbs. pressure/over); Hydro seeder and similar type; Jackhammer operator; Jacking of pipe over 12 inches; Jackson and similar type compactor; Kettle tender, pot and worker applying asphalt, lay-kold, creosote, lime, caustic and similar type materials (applying means applying, dipping or handling of such materials); Lagging, sheeting, whaling, bracing, trenchjacking, lagging hammer; Magnesite, epoxyresin, fiberglass, mastic worker (wet or dry); No joint pipe and stripping of same, including repair of voids;

Pavement breaker and spader, including tool grinder; Perma curb; Pipelayer (including grade checking in connection with pipelaying); Precast-manhole setter; Pressure pipe tester; Post hole digger, air, gas and electric; Power broom sweeper; Power tampers of all types (except as shown in Group 2); Ram set gun and stud gun; Riprap stonepaver and rock-slinger, including placing of sacked concrete and/or sand (wet or dry) and gabions and similar type; Rotary scarifier or multiple head concrete chipping scarifier; Roto and Ditch Witch; Rototiller; Sandblaster, pot, gun, nozzle operators; Signalling and rigging; Tank cleaner; Tree climber; Turbo blaster; Vibrascreed, bull float in connection with laborers' work; Vibrator; Hazardous waste worker (lead removal); Asbestos and mold removal worker

GROUP 1-a: Joy drill model TWM-2A; Gardner-Denver model DH143 and similar type drills; Track driller; Jack leg driller; Wagon driller; Mechanical drillers, all types regardless of type or method of power; Mechanical pipe layers, all types regardless of type or method of power; Blaster and powder; All work of loading, placing and blasting of all powder and explosives of whatever type regardless of method used for such loading and placing; High scalers (including drilling of same); Tree topper; Bit grinder

GROUP 1-b: Sewer cleaners shall receive \$4.00 per day above Group 1 wage rates. "Sewer cleaner" means any worker who handles or

comes in contact with raw sewage in small diameter sewers. Those who work inside recently active, large diameter sewers, and all recently active sewer manholes, shall receive \$5.00 per day above Group 1 wage rates.

GROUP 1-c: Burning and welding in connection with laborers' work; Synthetic thermoplastics and similar type welding

GROUP 1-d: Maintenance and repair track and road beds (underground structures). All employees performing work covered herein shall receive \$ .25 per hour above their regular rate for all work performed on underground structures not specifically covered herein. This paragraph shall not be construed to apply to work below ground level in open cut. It shall apply to cut and cover work of subway construction after the temporary cover has been placed.

GROUP 1-e: Work on and/or in bell hole footings and shafts thereof, and work on and in deep footings. (A deep footing is a hole 15 feet or more in depth.) In the event the depth of the footing is unknown at the commencement of excavation, and the final depth exceeds 15 feet, the deep footing wage rate would apply to all employees for each and every day worked on or in the excavation of the footing from the date of inception.

GROUP 1-f: Wire winding machine in connection with guniting or shot crete

GROUP 2: Asphalt shoveler; Cement dumper and handling dry cement or gypsum; Choke-setter and rigger (clearing work); Concrete bucket dumper and chute; Concrete chipping and grinding; Concrete laborer (wet or dry); Driller tender, chuck tender, nipper; Guinea chaser (stake), grout crew; High pressure nozzle, adductor; Hydraulic monitor (over 100 lbs. pressure); Loading and unloading, carrying and hauling of all rods and materials for use in reinforcing concrete construction; Pittsburgh chipper and



similar type brush shredders; Sloper; Single foot, hand-held, pneumatic tamper; All pneumatic, air, gas and electric tools not listed in Groups 1 through 1-f; Jacking of pipe - under 12 inches

GROUP 3: Construction laborers, including bridge and general laborer; Dump, load spotter; Flag person; Fire watcher; Fence erector; Guardrail erector; Gardener, horticultural and landscape laborer; Jetting; Limber, brush loader and piler; Pavement marker (button setter); Maintenance, repair track and road beds; Streetcar and railroad construction track laborer; Temporary air and water lines, Victaulic or similar; Tool room attendant (jobsite only)

GROUP 4: All clean-up work of debris, grounds and building including but not limited to: street cleaner; cleaning and washing windows; brick cleaner (jobsite only); material cleaner (jobsite only). The classification "material cleaner" is to be utilized under the following conditions:

A: at demolition site for the salvage of the material.

B: at the conclusion of a job where the material is to be salvaged and stocked to be reused on another job.

C: for the cleaning of salvage material at the jobsite or temporary jobsite yard.

The material cleaner classification should not be used in the performance of "form stripping, cleaning and oiling and moving to the next point of erection".

#### GUNITE LABORER CLASSIFICATIONS

GROUP 1: Structural nozzle operator

GROUP 2: Nozzle operator (including gun, pot); Ground person

GROUP 3: Rebound

GROUP 4: Guniting laborer

#### WRECKING WORK LABORER CLASSIFICATIONS

GROUP 1: Skilled wrecker (removing and salvaging of sash, windows and materials)

GROUP 2: Semi-skilled wrecker (salvaging of other building materials)

GROUP 3: General laborer (includes all clean-up work, loading lumber, loading and burning of debris)

#### TUNNEL AND SHAFT LABORER CLASSIFICATIONS

GROUP 1: Diamond driller; Ground person; Guniting and shotcrete nozzle operator

GROUP 2: Rod person; Shaft work & raise (below actual or excavated ground level)

GROUP 3: Bit grinder; Blaster, driller, powder person - heading; Cherry picker operator - where car is lifted; Concrete finisher in tunnel; Concrete screed person; Grout pump operator and pot person; Guniting & shotcrete gun person & pot person; Header person; High pressure nozzle operator; Miner - tunnel, including

top and bottom person on shaft and raise work; Nipper; Nozzle operator on slick line; Sandblaster - pot person

GROUP 4: Steel form raiser and setter; Timber person, retimber person (wood or steel or substitute materials therefore); Tugger (for tunnel laborer work); Cable tender; Chuck tender; Powder prerson - primer house

GROUP 5: Vibrator operator, pavement breaker; Bull gang - muckers, track person; Concrete crew - includes rodding and spreading

GROUP 6: Dump person (any method); Grout crew; Rebound person; Swamper

---

LABO0073C 07/01/1999		
	Rates	Fringes
CALAVERAS, MARIPOSA, MERCED, SAN JOAQUIN, STANISLAUS AND TUOLUMNE COUNTIES:		
BRICK TENDER	23.20	4.55
FOOTNOTE:		
Refractory work where heat-protective clothing is required: \$2.00 per hour additional.		

---

LABO0073E 10/01/1998		
	Rates	Fringes
CALAVERAS, FRESNO, KINGS, MADERA, MARIPOSA, MERCED, SAN JOAQUIN, STANISLAUS AND TUOLUMNE COUNTIES:		
PLASTERER TENDER	22.36	4.88

---

LABO0166A 07/01/1999		
	Rates	Fringes
ALAMEDA AND CONTRA COSTA COUNTIES:		
BRICK TENDER	20.90	10.26
FOOTNOTES:		
Work on jobs where heat-protective clothing is required: \$2.00 per hour additional.		
Work at grinders: \$.25 per hour additional.		
Manhole work: \$2.00 per day additional.		

---

LABO0166B 07/01/1999		
	Rates	Fringes
ALAMEDA AND CONTRA COSTA COUNTIES:		
PLASTERER TENDERS:		
Plasterer tender	23.25	10.16
Gun operator	24.00	10.16

---

LABO0185A 07/01/1999		
	Rates	Fringes
MONTEREY AND SAN BENITO COUNTIES:		

BRICK TENDER	22.95	4.55
--------------	-------	------

FOOTNOTE:

Refractory work where heat-protective clothing is required:  
\$2.00 per hour additional.

---

\* LABO0270A 07/01/2000

	Rates	Fringes
--	-------	---------

SANTA CLARA COUNTY:

BRICK TENDER	24.05	6.10
--------------	-------	------

FOOTNOTE:

Refractory work where heat-protective clothing is required:  
\$2.00 per hour additional.

---

\* LABO0270B 07/01/2000

	Rates	Fringes
--	-------	---------

SANTA CRUZ COUNTY:

BRICK TENDER	24.05	6.10
--------------	-------	------

FOOTNOTE:

Refractory work where heat-protective clothing is required:  
\$2.00 per hour additional.

---

\* LABO0294A 07/01/2000

	Rates	Fringes
--	-------	---------

FRESNO, KINGS AND MADERA COUNTIES:

BRICK TENDER	23.64	5.31
--------------	-------	------

FOOTNOTE:

Refractory work where heat-protective clothing is required:  
\$2.00 per hour additional.

---

LABO0297A 09/01/1998

	Rates	Fringes
--	-------	---------

MONTEREY AND SAN BENITO COUNTIES:

PLASTERER TENDER	15.95	
------------------	-------	--

FOOTNOTE:

Mixer person: \$4.00 per day additional.

---

PAIN0008A 07/01/2000

	Rates	Fringes
--	-------	---------

SAN FRANCISCO COUNTY:

PAINTER	26.56	8.20
---------	-------	------

---

PAIN0012A 07/01/2000

	Rates	Fringes
--	-------	---------

ALAMEDA, CONTRA COSTA, MERCED, MARIPOSA, MONTEREY, SAN BENITO,  
SAN FRANCISCO, SAN MATEO, SANTA CLARA AND SANTA CRUZ COUNTIES:

SOFT FLOOR LAYER	28.00	11.25
------------------	-------	-------

---

PAIN0016A 07/01/2000

	Rates	Fringes
--	-------	---------

ALAMEDA AND CONTRA COSTA COUNTIES:

PAINTERS:

Work on industrial buildings  
(used for the manufacture and  
processing of goods for sale  
or service); Also, steel  
construction (bridges, stacks,  
towers, tanks and similar  
structures):

Brush and Roller	24.10	9.94
Spray and Sandblast	24.50	9.94
Application of exotic materials	24.10	9.94

All other work:

Brush and Roller	23.85	9.94
Application of exotic materials	24.10	9.94

FOOTNOTE:

High time (free fall conditions): With a minimum of 2 hrs.  
exposure, work over 50 ft. above ground or water level to be paid  
1/2 hr. per day additional; work from 100 ft. to 180 ft. above  
ground or water level to be paid 1 hr. per day additional; and  
work over 180 ft. above ground or water level to be paid 2 hrs.  
per day additional.

---

PAIN0016C 08/01/1999

	Rates	Fringes
--	-------	---------

ALAMEDA, CONTRA COSTA, MONTEREY, SAN BENITO, SAN FRANCISCO, SAN  
MATEO, SANTA CLARA AND SANTA CRUZ COUNTIES:

DRYWALL FINISHERS:

Remodel/tenant improvement  
work (shopping centers,  
offices and warehouses  
where the taping contractor  
is working directly for  
the tenant)

	21.73	8.28
All other work	27.43	9.98

---

PAIN0016H 01/01/1999

	Rates	Fringes
--	-------	---------

FRESNO, KINGS AND MADERA COUNTIES:

DRYWALL TAPER	20.49	5.39
---------------	-------	------

PAINTER	19.74	5.39
---------	-------	------

FOOTNOTES:

Paperhangers, and work over 30 feet (does not include work from  
a lift): \$0.50 per hour additional.  
Spray painters and sandblasters: \$0.75 per hour additional.  
Lead paint abaters: \$0.75 per hour additional.

-----

PAIN0016K 01/01/1999		
	Rates	Fringes
FRESNO, KINGS, MADERA AND COUNTIES:		
SOFT FLOOR LAYER	18.63	4.09

-----

PAIN0016N 07/01/2000		
	Rates	Fringes
MONTEREY, SAN BENITO, SAN MATEO, SANTA CLARA AND SANTA CRUZ COUNTIES:		
PAINTER:		
COMMERCIAL/INDUSTRIAL	24.30	7.84

-----

PAIN0016Q 03/01/1999		
	Rates	Fringes
CALAVERAS AND SAN JOAQUIN COUNTIES:		
Drywall Taper	18.85	7.23
PAINTERS:		
Brush	18.05	7.23
Sandblaster; Waterblaster;		
Steam cleaning	19.05	7.23
Work with coal tar and exotic materials	19.80	7.23

-----

* PAIN0016S 09/01/2000		
	Rates	Fringes
MARIPOSA, MERCED, STANISLAUS, AND TOULUMNE COUNTIES:		
DRYWALL FINISHER	18.13	7.84
PAINTER:		
Brush	17.13	7.84
Paperhanger; Spray & Sandblast	18.03	7.84
Hazardous coating, application and removal	20.03	7.84

-----

* PAIN0169A 07/01/2000		
	Rates	Fringes
FRESNO, KINGS, MADERA, MARIPOSA AND MERCED COUNTIES:		
GLAZIER	23.55	8.52
FOOTNOTE:		
Welding in connection with glazing work: \$1.00 per hour additional.		

-----

* PAIN0169E 07/01/2000		
	Rates	Fringes
ALAMEDA AND CONTRA COSTA COUNTIES:		
GLAZIER	29.35	9.91

-----  
PAIN0169I 07/01/2000

	Rates	Fringes
ALAMEDA AND CONTRA COSTA:		
SHOWER DOOR INSTALLER	23.57	4.60

PAID HOLIDAYS:

New Year's Day, President's Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Day after Thanksgiving, and Christmas Day.

-----  
PAIN0718B 07/01/1999

	Rates	Fringes
SAN FRANCISCO AND SAN MATEO COUNTIES:		
GLAZIER	28.17	9.89

-----  
\* PAIN0767A 07/01/2000

	Rates	Fringes
CALAVERAS, SAN JOAQUIN, STANISLAUS AND TUOLUMNE COUNTIES:		
GLAZIER	26.77	6.80

PAID HOLIDAYS:

New Year's Day, Washington's Birthday, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Day after Thanksgiving Day, and Christmas Day.

FOOTNOTE:

Work thirty (30) feet or over free fall: \$0.60 per hour additional.

-----  
PAIN1176A 04/01/1998

	Rates	Fringes
PARKING LOT STRIPING/HIGHWAY MARKING:		
GROUP 1 & GROUP 4	22.84	6.91
GROUP 2	21.10	6.36
GROUP 3 & GROUP 5	19.51	6.36
Service Person (maintenance and repair of equipment)	13.33	5.87
Parking Lot, Game Court and Playground Installer	13.80	5.87

PARKING LOT STRIPING / HIGHWAY MARKING CLASSIFICATIONS

GROUP 1: STRIPER: Layout and application of painted traffic stripes and marking; hot thermo plastic; tape traffic stripes and markings

GROUP 2: TRAFFIC DELINEATING DEVICE APPLICATOR: Layout and application of pavement markers, delineating signs, rumble and traffic bars, adhesives, guide markers, other traffic delineating devices; includes all related surface preparation (sandblasting, waterblasting, grinding) as part of the application process

GROUP 3: TRAFFIC SURFACE ABRASIVE BLASTER: Removal of traffic

lines and markings; preparation of surface for coatings and traffic control devices

GROUP 4: TRAFFIC PROTECTIVE DELINEATING SYSTEMS INSTALLER:

Removes, relocates, installs permanently affixed roadside and parking delineation barricades, fencing, guard rail, cable anchor, retaining walls, reference signs, and monument markers

GROUP 5: TRAFFIC CONTROLPERSON: Sole function is to control and direct traffic through both conventional and moving lane closures

-----		
PAIN1237C 06/01/1999		
	Rates	Fringes
CALAVERAS, SAN JOAQUIN, STANISLAUS AND TUOLUMNE COUNTIES:		
SOFT FLOOR LAYER	20.57	9.10
-----		
PAIN1621A 07/01/2000		
	Rates	Fringes
MONTEREY, SAN BENITO, SANTA CLARA AND SANTA CRUZ COUNTIES:		
GLAZIER	29.97	7.89
-----		
PLAS0001D 06/28/1999		
	Rates	Fringes
CEMENT MASONS:		
Cement mason	22.35	9.46
Swing or slip form scaffolds;		
Mastic, magnesite, gypsum,		
epoxy, polyester, resin and		
all composition	23.10	9.46
-----		
PLAS0066B 07/01/2000		
	Rates	Fringes
ALAMEDA, CONTRA COSTA, SAN MATEO AND SAN FRANCISCO COUNTIES:		
PLASTERER	27.21	10.70
-----		
PLAS0300A 07/01/2000		
	Rates	Fringes
FRESNO, KINGS AND MADERA COUNTIES:		
PLASTERER	21.81	7.50
SAN BENITO, SANTA CLARA AND SANTA CRUZ COUNTIES:		
PLASTERER	26.24	7.90
CALAVERAS AND SAN JOAQUIN COUNTIES:		
PLASTERER	23.76	8.50
MONTEREY COUNTY:		
PLASTERER	23.98	7.50

MARIPOSA, MERCED, STANISLAUS AND  
TUOLUMNE COUNTIES:

PLASTERER	23.76	8.50
-----------	-------	------

---

PLUM0036A 01/01/2000

	Rates	Fringes
--	-------	---------

CALAVERAS, FRESNO, KINGS, MADERA, MARIPOSA, MERCED, SAN JOAQUIN,  
STANISLAUS AND TUOLUMNE COUNTIES:

PLUMBER & STEAMFITTER	28.29	9.19
-----------------------	-------	------

---

PLUM0036C 01/01/2000

	Rates	Fringes
--	-------	---------

MONTEREY AND SANTA CRUZ COUNTIES:

PLUMBER & STEAMFITTER	28.29	9.19
-----------------------	-------	------

---

PLUM0036E 01/01/2000

	Rates	Fringes
--	-------	---------

FRESNO COUNTY:

PIPE TRADES PERSON:

Building construction only	11.50	4.70
----------------------------	-------	------

SCOPE OF WORK:

Installation of corrugated metal piping for drainage, as well as installation of corrugated metal piping for culverts in connection with storm sewers and drains; Grouting, dry packing and diapering of joints, holes or chases including paving over joints, in piping; Temporary piping for dirt work for building site preparation; Operating jack hammers, pavement breakers, chipping guns, concrete saws and spades to cut holes, chases and channels for piping systems; Digging, grading, backfilling and ground preparation for all types of pipe to all points of the jobsite; Ground preparation including ground leveling, layout and planting of shrubbery, trees and ground cover, including watering, mowing, edging, pruning and fertilizing, the breaking of concrete, digging, backfilling and tamping for the preparation and completion of all work in connection with lawn sprinkler and landscaping; Loading, unloading and distributing materials at jobsite; Putting away materials in storage bins in jobsite secure storage area; Demolition of piping and fixtures for remodeling and additions; Setting up and tearing down work benches, ladders and job shacks; Clean-up and sweeping of jobsite; Pipe wrapping and waterproofing where tar or similar material is applied for protection of buried piping; Flag person

---

PLUM0036I 01/01/2000

	Rates	Fringes
--	-------	---------

MERCED COUNTY:

PIPE TRADES PERSON:

Building construction only	11.50	4.70
----------------------------	-------	------

SCOPE OF WORK:



Installation of corrugated metal piping for drainage, as well as installation of corrugated metal piping for culverts in connection with storm sewers and drains; Grouting, dry packing and diapering of joints, holes or chases including paving over joints, in piping; Temporary piping for dirt work for building site preparation; Operating jack hammers, pavement breakers, chipping guns, concrete saws and spades to cut holes, chases and channels for piping systems; Digging, grading, backfilling and ground preparation for all types of pipe to all points of the jobsite; Ground preparation including ground leveling, layout and planting of shrubbery, trees and ground cover, including

watering, mowing, edging, pruning and fertilizing, the breaking of concrete, digging, backfilling and tamping for the preparation and completion of all work in connection with lawn sprinkler and landscaping; Loading, unloading and distributing materials at jobsite; Putting away materials in storage bins in jobsite secure storage area; Demolition of piping and fixtures for remodeling and additions; Setting up and tearing down work benches, ladders and job shacks; Clean-up and sweeping of jobsite; Pipe wrapping and waterproofing where tar or similar material is applied for protection of buried piping; Flag person

-----		
PLUM0038A 07/01/1999		
	Rates	Fringes
SAN FRANCISCO COUNTY:		
PLUMBERS:		
Work on wooden frame structures		
5 stories or less excluding		
high-rise buildings and		
commercial work such as		
hospitals, prisons, hotels		
and schools	28.50	17.35
All other work	38.00	18.42
LANDSCAPE/IRRIGATION FITTER	27.32	10.15
-----		

PLUM0159A 07/01/2000		
	Rates	Fringes
CONTRA COSTA COUNTY:		
PLUMBERS & STEAMFITTERS:		
Work on apartments over 4 stories,		
and motels	25.76	9.14
All other work	33.56	13.59
-----		

PLUM0342A 07/01/2000		
	Rates	Fringes
CONTRA COSTA COUNTY:		
STEAMFITTER	32.73	13.24
-----		

PLUM0342B 07/01/2000		
	Rates	Fringes
ALAMEDA COUNTY:		
PLUMBER & STEAMFITTER	32.73	13.24

-----  
PLUM0355D 07/01/2000

	Rates	Fringes
ALAMEDA, CALAVERAS, CONTRA COSTA, FRESNO, KINGS, MADERA, MARIPOSA, MERCED, MONTEREY, SAN BENITO, SAN JOAQUIN, SAN MATEO, SANTA CLARA, SANTA CRUZ, STANISLAUS, AND TUOLUMNE COUNTIES:		

LANDSCAPE FITTER; UNDERGROUND UTILITY WORKER	22.00	5.55
---	-------	------

-----

PLUM0393A 07/01/2000

	Rates	Fringes
SAN BENITO AND SANTA CLARA COUNTIES:		

PLUMBER & PIPEFITTER:

Work on motels and hotels which  
do not exceed 4 stories in  
height, excluding garages and  
parking areas

20.64	5.30
All other work	42.51

10.58

-----

PLUM0467A 07/01/2000

	Rates	Fringes
SAN MATEO COUNTY:		

PLUMBER; PIPEFITTER; STEAMFITTER	36.44	11.51
REFRIGERATION & AIR CONDITIONING	36.28	11.76

-----

ROOF0027C 09/01/1999

	Rates	Fringes
FRESNO, KINGS, AND MADERA COUNTIES:		

ROOFER	20.40	6.55
--------	-------	------

FOOTNOTE:

Work with pitch, pitch base of pitch impregnated products or  
any material containing coal tar pitch, on any building old or  
new, where both asphalt and pitchers are used in the application  
of a built-up roof or tear off: \$2.00 per hour additional.

-----

ROOF0040B 08/01/2000

	Rates	Fringes
SAN FRANCISCO & SAN MATEO COUNTIES:		

ROOFER	22.47	10.67
--------	-------	-------

-----

ROOF0081A 08/01/1999

	Rates	Fringes
ALAMEDA AND CONTRA COSTA COUNTIES:		

ROOFER	21.45	9.60
--------	-------	------

-----

ROOF0081E 09/09/1999

	Rates	Fringes
CALAVERAS, MARIPOSA, MERCED, SAN JOAQUIN, STANISLAUS AND TUOLUMNE COUNTIES:		

ROOFER	18.87	5.94
--------	-------	------

---

ROOF0095B 08/01/1996

	Rates	Fringes
MONTEREY, SAN BENITO, SANTA CLARA, AND SANTA CRUZ COUNTIES:		

ROOFERS:

Kettle person (2 kettles);

Bitumastic, enameler,

coal tar, pitch and

mastic worker

26.07

6.75

All other work

24.07

6.75

SFCA0483A 08/01/2000

	Rates	Fringes
ALAMEDA, CONTRA COSTA, SAN FRANCISCO, SAN MATEO AND SANTA CLARA COUNTIES:		

SPRINKLER FITTER (FIRE)	35.59	11.20
-------------------------	-------	-------

---

SFCA0669K 04/01/2000

	Rates	Fringes
CALAVERAS, FRESNO, KINGS, MADERA, MARIPOSA, MERCED, MONTEREY, SAN BENITO, SAN JOAQUIN, SANTA CRUZ, STANISLAUS AND TUOLUMNE COUNTIES:		

SPRINKLER FITTER (FIRE)	27.35	5.95
-------------------------	-------	------

---

\* SHEE0104A 07/01/2000

	Rates	Fringes
ALAMEDA AND CONTRA COSTA COUNTIES:		

SHEET METAL WORKER:

Work on projects with an HVAC  
contract price of \$270,000  
equipped with packaged units or  
a unitary system; Also, tenant  
completion work extending from an  
existing trunk line or an  
existing water or air loop to  
registers and/or diffusers; Also,  
remodel or add-on contracts on  
existing facilities providing the  
contract price is \$165,000 or  
less; Also, architectural sheet  
metal contracts of \$100,000 or  
less; Also, pre-engineered and  
pre-manufactured siding

30.83

13.34

All other work

36.32

13.69

\* SHEE0104B 07/01/2000

	Rates	Fringes
--	-------	---------

MONTEREY AND SAN BENITO COUNTIES:

SHEET METAL WORKER	30.31	11.84
--------------------	-------	-------

---

\* SHEE0104D 07/01/2000

Rates	Fringes
-------	---------

SAN MATEO COUNTY:

SHEET METAL WORKER:

Work with an HVAC contract  
 price of \$250,000 equipped  
 with packaged units or a  
 unitary system; Also, tenant  
 completion work extending from  
 an existing trunk line or air  
 loop to registers and/or  
 diffusers; Also, remodel or  
 add-on contracts on existing  
 facilities providing the  
 contract price is \$150,000 or  
 less; Also, architectural sheet  
 metal contracts of \$100,000 or  
 less; Also, pre-engineered and  
 pre-manufactured siding

33.59	11.63
37.26	12.37

---

\* SHEE0104E 07/02/2000

Rates	Fringes
-------	---------

SAN FRANCISCO COUNTY:

SHEET METAL WORKER:

Work with an HVAC contract  
 price of \$50,000 or less;  
 Also, tenant completion work  
 providing the contract price is  
 \$50,000 or less; Also, remodel  
 or add-on contracts on existing  
 facilities providing the contract  
 price is \$50,000 or less; Also,  
 architectural sheet metal  
 contracts of \$100,000 or less;  
 Also, pre-engineered and  
 pre-manufactured siding

35.66	12.47
36.21	13.61

---

\* SHEE0104G 07/01/2000

Rates	Fringes
-------	---------

SANTA CRUZ COUNTY:

SHEET METAL WORKER	31.45	10.27
--------------------	-------	-------

---

\* SHEE0104H 07/01/2000

Rates	Fringes
-------	---------

SANTA CLARA COUNTY:

SHEET METAL WORKER:

Work with an HVAC contract price  
 of \$250,000 equipped with

packaged units or a unitary system; Also, tenant completion work extending from an existing trunk line or air loop to registers and/or diffusers;

Also, remodel or add-on contracts on existing facilities providing the contract price is

\$150,000 or less; Also, architectural sheet metal

contracts of \$100,000 or less; Also pre-engineered and

pre-manufactured siding

35.32

10.64

All other work

37.49

12.32

-----  
SHEE01040 07/01/1999

Rates

Fringes

ALAMEDA, CONTRA COSTA, MONTEREY, SAN BENITO, SAN FRANCISCO, SAN MATEO, SANTA CLARA AND SANTA CRUZ COUNTIES:

SHEET METAL WORKERS:

Metal deck and siding

27.44

11.80  
-----

\* SHEE0162A 07/01/2000

Rates

Fringes

CALAVERAS AND SAN JOAQUIN COUNTIES:

SHEET METAL WORKER

25.74

10.26  
-----

SHEE0162C 07/01/2000

Rates

Fringes

MARIPOSA, MERCED, STANISLAUS AND TUOLUMNE COUNTIES:

SHEET METAL WORKER (does not include metal deck and siding)

26.54

15.52  
-----

\* SHEE0162D 06/01/2000

Rates

Fringes

FRESNO, KINGS, MADERA and TULARE COUNTIES:

SHEET METAL WORKER

27.07

11.57  
-----

SHEE0162M 07/01/1999

Rates

Fringes

CALAVERAS, FRESNO, KINGS, MADERA, MARIPOSA, MERCED, SAN JOAQUIN, STANISLAUS AND TUOLUMNE COUNTIES:

SHEET METAL WORKERS:

Metal deck and siding

29.42

9.52  
-----

TEAM0094A 06/16/1999

Rates

Fringes

TRUCK DRIVERS:

GROUP 1

21.06

11.46

GROUP 2

21.36

11.46

GROUP 3	21.66	11.46
GROUP 4	22.01	11.46
GROUP 5	22.36	11.46

#### FOOTNOTES:

Articulated dump truck; Bulk cement spreader (with or without auger); Dumpcrete truck; Skid truck (debris box); Dry pre-batch concrete mix trucks; Dumpster or similar type; Slurry truck: Use dump truck yardage rate.

Heater planer; Asphalt burner; Scarifier burner; Industrial lift truck (mechanical tailgate); Utility and clean-up truck: Use appropriate rate for the power unit or the equipment utilized.

#### TRUCK DRIVER CLASSIFICATIONS

GROUP 1: Dump trucks, under 6 yds.; Single unit flat rack (2-axle unit); Nipper truck (when flat rack truck is used appropriate flat rack shall apply); Concrete pump truck (when flat rack truck is used appropriate flat rack shall apply); Concrete pump machine; Fork lift and lift jitneys; Fuel and/or grease truck driver or fuel person; Snow buggy; Steam cleaning; Bus or personhaul driver; Escort or pilot car driver; Pickup truck; Teamster oiler/greaser and/or serviceperson; Hook tender (including loading and unloading); Team driver; Tool room attendant (refineries)

GROUP 2: Dump trucks, 6 yds. and under 8 yds.; Transit mixers, through 10 yds.; Water trucks, under 7,000 gals.; Jetting trucks, under 7,000 gals.; Vacuum trucks, under 7,500 gals.; Single-unit flat rack (3-axle unit); Highbed heavy duty transport; Scissor truck; Rubber-tired muck car (not self-loaded); Rubber-tired truck jumbo; Winch truck and "A" frame drivers; Combination winch truck with hoist; Road oil truck or bootperson; Buggymobile; Ross, Hyster and similar straddle carriers; Small rubber-tired tractor

GROUP 3: Dump trucks, 8 yds. and including 35 yds.; Transit mixers, over 10 yds.; Water trucks, 7,000 gals. and over; Jetting trucks, 7,000 gals. and over; Vacuum trucks, 7,500 gals. and over; Trucks towing tilt bed or flat bed pull trailers; Lowbed heavy duty transport; Heavy duty transport tiller person; Self-propelled street sweeper with self-contained refuse bin; Boom truck - hydro-lift or Swedish type extension or retracting crane; P.B. or similar type self-loading truck; Tire repairperson; Truck repairperson; Combination bootperson and road oiler; Dry distribution truck (A bootperson when employed on such equipment, shall receive the rate specified for the classification of road oil trucks or bootperson); Ammonia nitrate distributor, driver and mixer; Snow Go and/or plow

GROUP 4: Dump trucks, over 35 yds. and under 65 yds.; Water pulls - DW 10's, 20's, 21's and other similar equipment when pulling Aqua/pak or water tank trailers; Helicopter pilots (when transporting men and materials); DW10's, 20's, 21's and other similar Cat type, Terra Cobra, LeTourneau Pulls, Tournorocker, Euclid and similar type equipment when pulling fuel and/or grease tank trailers or other miscellaneous trailers

GROUP 5: Dump trucks, 65 yds. and over; Holland hauler

-----

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5(a)(1)(v)).

In the listing above, the "SU" designation means that rates listed under that identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

#### WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U. S. Department of Labor  
200 Constitution Avenue, N. W.  
Washington, D. C. 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N. W.  
Washington, D. C. 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review

Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U. S. Department of Labor  
200 Constitution Avenue, N. W.  
Washington, D. C. 20210

4.) All decisions by the Administrative Review Board are final.  
END OF GENERAL DECISION